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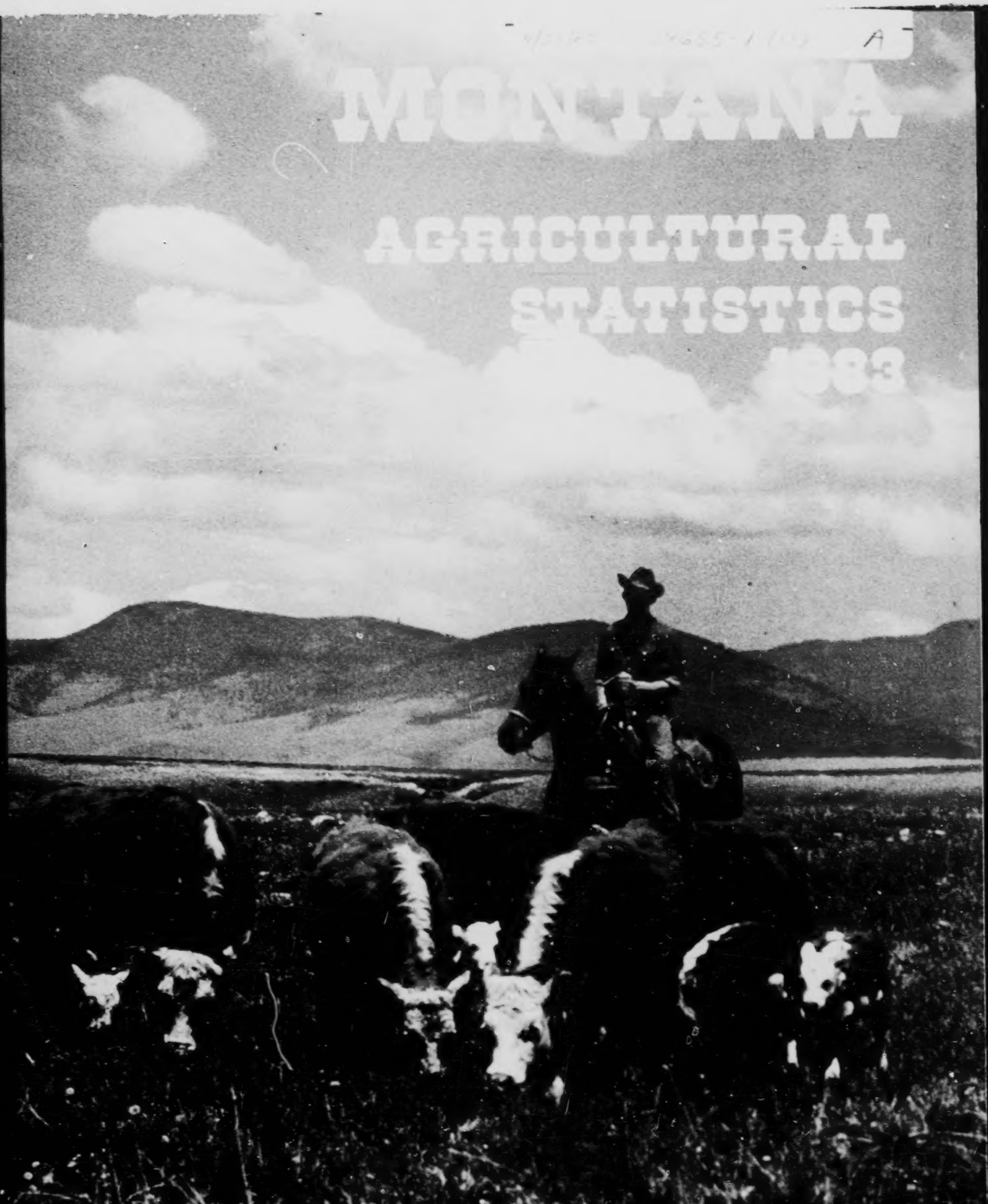
MONTANA

AGRICULTURAL STATISTICS 1983



MONTANA AGRICULTURAL STATISTICS

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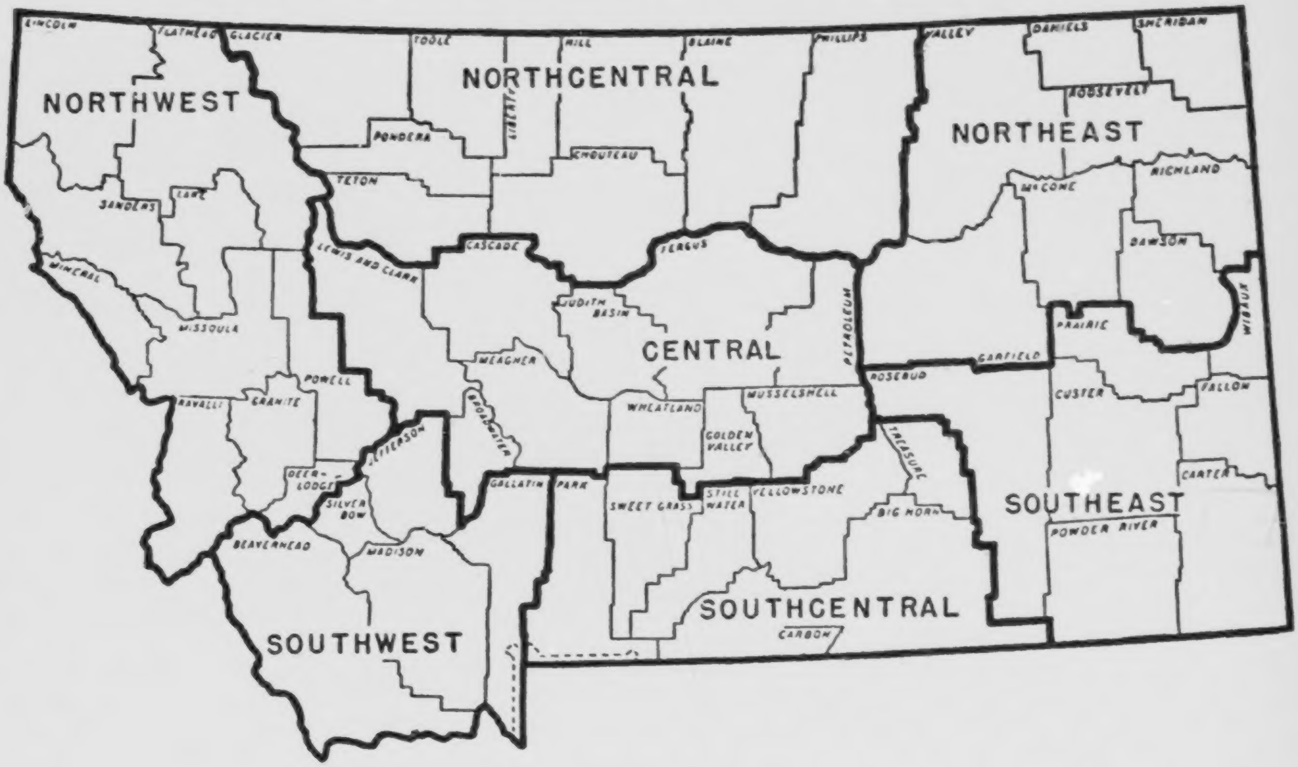
MONTANA CROP REPORTING DISTRICTS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McCONE
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LAKE
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MINERAL
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PETROLEUM
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CUSTER
FALLON
RAVALLI
GRANITE
BROADWATER
WHEATLAND
MUSSELSHELL
JEFFERSON
GOLDEN VALLEY
TREASURE
DEER LODGE
SILVER BOW
GALLATIN
PARK
SWEET GRASS
STILLWATER
YELLOWSTONE
BIG HORN
CARTER
BEAVERHEAD
MADISON
POWDER RIVER
CARBON

COVER ACKNOWLEDGEMENTS

We sincerely appreciate the following contributions
to the cover of this year's bulletin.

COLOR PHOTOGRAPH: GARY WUNDERWALD, MONTANA TRAVEL PROMOTION BUREAU

COLOR SEPARATION: MONTANA FARMER-STOCKMAN MAGAZINE

MONTANA AGRICULTURAL STATISTICS

VOLUME XX SEPTEMBER 1983

STATE OF MONTANA

TED SCHWINDEN - GOVERNOR

MONTANA DEPARTMENT OF AGRICULTURE

KEITH KELLY, DIRECTOR

COOPERATING WITH

U.S. DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
WILLIAM E. KIBLER, ADMINISTRATOR

COMPILED BY

MONTANA CROP and LIVESTOCK REPORTING SERVICE

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P.O. BOX 4369
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Office of the Governor
Helena, Montana 59620

TED SCHWINDEN
GOVERNOR

Fellow Montanans:

Efficient agricultural management and production is not only important to the survival of Montana's farms and ranches, it also promotes strong local and state economies. The statistics in this bulletin are just a small measure of agriculture's economic significance as Montana's number one industry.

Farming has become a complex and technical business that involves more than just raising livestock or growing and harvesting crops. It requires management, marketing and investment skills.

As a farmer, I know that statistics and research have become more important in helping today's farmer make sound decisions. The agricultural statistics in this publication can help provide reliable information and illustrate developments and trends in Montana agriculture.

Agriculture can claim a rich past and a solid presence in Montana. Let's work together to ensure an equally bright future for food and fiber production in this state.

Sincerely,

TED SCHWINDEN
Governor

STATE OF MONTANA
DEPARTMENT OF AGRICULTURE
OFFICE OF THE DIRECTOR
AGRICULTURE/LIVESTOCK BLDG.
CAPITOL STATION
HELENA, MONTANA 59620-0201

TED SCHWINDEN
GOVERNOR

TELEPHONE:
AREA CODE 406
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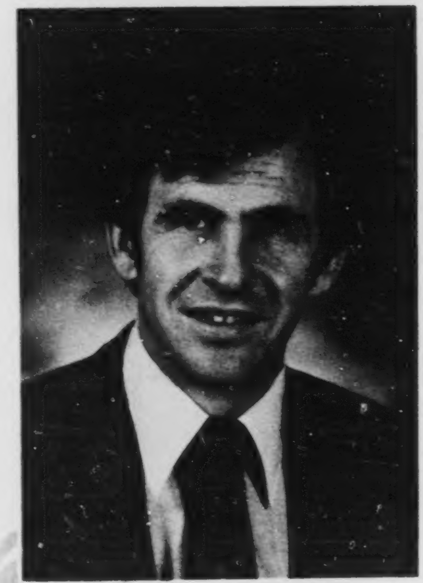
KEITH KELLY
DIRECTOR

MESSAGE FROM THE DIRECTOR



During the past two years we have seen the importance of balancing supply with demand in agricultural production. An integral part of achieving this balance is good planning and timely and accurate statistics, such as those contained in this publication.

Statistical accountings found in this publication and previous volumes demonstrate the dramatic growth in Montana Agriculture during the past decade. The growth we have seen in agriculture is attributable to careful planning and management decisions made by producers, bankers, and researchers. The result of this growth has maintained agriculture's position as 'number one' in Montana's total economy.

I sincerely hope that you will find this publication informative and useful.

Sincerely,

Keith Kelly
Director
Montana Department of Agriculture

Serving Montana Agriculture

An Affirmative Action/Equal Employment Opportunity Employer

THE MONTANA DEPARTMENT OF AGRICULTURE

Prior to a major reorganization in 1977 the Department of Agriculture functioned mainly as a regulatory agency. Restructuring enabled the Department to perform its regulatory responsibilities more efficiently and to enhance its duties to promote and encourage agriculture in Montana. The reorganization plan called for the Department to enter the eighties with a posture of better serving Montana agriculture.

The Department Director is responsible for administration of the Department's 4 million dollar annual budget and its 83 full time and 10 seasonal positions. He oversees the Department's three divisions and six units. The function of each division and unit is summarized here below.

Centralized Services Division performs technical fiscal and administrative support functions for the Department. Activities are for internal operations.

The Environmental Management Division is responsible for the registration of 3,000 pesticide products; the certification and licensing of 2,500 commercial applicators and dealers, and some 10,000 private applicators; enforcement of the pesticide act and rules; providing technical environmental services to agriculture; providing for an evaluation of pest management problems and programs; and providing analytical laboratory and consultative services to other agencies and the public.

The Plant Industry Division is responsible for the administration and enforcement of regulatory laws controlling the production, manufacturing and marketing of agricultural commodities exported from or distributed within Montana. The division investigates consumer complaints; performs technical inspections and surveys; issues federal-state grade certificates; and provides regulatory technical expertise for and licenses 5,000 bee yards, 550 nurseries, 650 feed dealers, 450 fertilizer dealers, 350 seed dealers and 250 grain merchandisers. The division also certifies some 2,000 commercial feed products and 1,000 fertilizers. The division's grain laboratory in Great Falls provides the only official grain grading services in the state.

The Marketing Unit identifies major needs and establishes priorities in marketing to facilitate the orderly flow of the state's agricultural goods to market. From the generated data, the unit develops and publishes statistics describing Montana agricultural transportation. The unit works to coordinate marketing from the producer to the consumer.

The Montana Crop and Livestock Reporting Unit, a joint federal/state service, prepares estimates and reports of production, supply price, and other items necessary to the orderly operation of farm markets. The reports include statistics on field crops, cattle hogs, poultry and related products. Other estimates concern prices received by farmers for products sold and prices paid by them for commodities and services. Montana county and some special statistics are developed through the Federal/State Cooperation Agreement. These county statistics are published biennially in the "MONTANA AGRICULTURAL STATISTICS" bulletin.

The Wheat Research and Marketing Unit is responsible for promoting and encouraging intensive scientific and practical research in all phases of wheat culture, production and marketing under the guidelines and policies developed by the Wheat Research and Marketing Committee. For fiscal year 1983-84 the Unit has contracts totaling $405,600 with Montana State University for work in areas such as barley improvement, disease control, the AGNET program, insect control and cropping practices. For foreign market promotion the Unit pays a $250,300 membership fee to U.S. Wheat Associates to maintain Montana as one of thirteen partners in the association's foreign market development efforts. The Unit also assists in providing Montanans agricultural statistics and food and feed development funds.

The Hail Insurance Unit administers the State Hail Insurance Program under guidelines and policies developed by the State Board of Hail Insurance. In 1982, Montana producers purchased 2,139 policies from the Unit worth a record $25.3 million dollars in coverage against hail damage. The Unit's success is evidenced by the fact that both the amount of risk coverage and number of policies purchased have increased each of the past several years.

The Alfalfa Seed Unit is responsible for improving the culture and production of and expanding the market for alfalfa seed grown in the state. This unit was established by the 1982 Legislature.

The 48th Montana Legislature created a new program to assist beginning farmers in the Department of Agriculture. The intent of Senate Bill 316 is:

> "...an act to help farmers and ranchers obtain credit at lower rates for agricultural purposes...and provide an income tax deduction for certain land sales to beginning farmers...
>
> "The purpose of this act is to assist beginning farmers with financial support and encouragement by making low interest rate loans available to eligible farmers and by providing incentives to retiring farmers who sell their land to eligible beginning farmers."

Senate Bill`316, effective October 1, 1983, establishes a nine-member loan authority (quasi-judicial board) appointed by the governor. The agricultural loan authority, through the Department of Agriculture, provides for issuance of bonds to provide qualified and approved applicants financing for purchase of land or depreciable property. Senate Bill 316 provides for an income tax deduction for land sold to beginning farmers.

> "A landowner who sells land consisting of 80 acres or more to a beginning farmer at 9% or less interest on a long-term contract is entitled to a reduction in his taxable income in an amount equal to 100% of any income or capital gain, or both, realized and other subject to state income taxes from the sale, up to a maximum of $50,000, provided the transaction is first approved by the authority for this purpose."

The Rural Development Unit provides financial assistance to help young farmers and ranchers get started in agriculture. The program was originally funded by federal rural rehabilitation funds. Total assets now are $1.5 million. Proceeds from the 220 active loans pay for program administration and provide funds for future loans.

Assisting the state's number one industry is a formidable task. Hopefully, this brief look into the Department of Agriculture will help you understand how it is serving Montana agriculture.

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STATISTICAL REPORTING SERVICE
MONTANA DEPARTMENT OF AGRICULTURE

MONTANA CROP AND LIVESTOCK REPORTING SERVICE

P.O. BOX 4369 – HELENA, MONTANA 59604
(406) 449-5303

FOREWORD

Montana Agricultural Statistics 1983 is the continuation of a data series dating back to 1946. Sam C. Ford, the Governor at that time said, "This bulletin offers the most complete summary of the State's progress in its fundamental business of farming, presented comprehensively by counties and given additional clarity through the liberal use of tables, illustrative maps and charts." This 1983 issue attempts to maintain the same high standards of presentation and quality that were established thirty-seven years ago.

Agriculture is the most important industry in Montana. Farm and ranch assets alone totaled more than 19 billion dollars in 1982. Sales of products from Montana's 24,000 farms contributed over 1.6 billion dollars to the State's economy.

The purpose of this bulletin is to provide information about Montana's agricultural industry. Information is the lubricant that keeps the wheels of agriculture running smoothly. It aids in production planning and is vital to orderly marketing. Information is a key element in all agriculturel research which has helped U.S. farmers achieve the highest production efficiency in the world. It dispels rumors and reduces speculation. Sometimes the news is good, sometimes bad, but it is always useful to help make informed, accurate decisions.

The bulletin includes special statistical data on wheat varieties, stocks by class, wheat utilization, wheat and barley by cropping practice, grain production forecasts by crop reporting district, and grain movement. These statistics were funded by the MONTANA WHEAT RESEARCH AND MARKETING COMMITTEE. Data on barley varieties were funded by the AMERICAN MALTING BARLEY ASSOCIATION, INC.

We owe a sincere thanks to all the farmers, ranchers and agri-businessmen who voluntarily contributed their time to answer the questionnaires that provide the basic information summarized in this bulletin. A special thanks also goes to our staff of statisticians, support personnel, and field and telephone enumerators who are responsible for the collection and summarization of this information.

Lyle H. Pratt

Lyle H. Pratt,
State Statistician

MONTANA CROPS & LIVESTOCK -- 1982

JANUARY: Arctic air covered most of the state during most of the month. Snowcover was fair and wind damage to winter wheat was light. Temperatures averaged 5 to 15 degrees below normal. **FEBRUARY:** The first two weeks were very cold--15 to 20 degrees below normal. During the third week temperatures moderated and new record highs occurred in many areas of the southern half of the state. The last week was cold in the north but mild elsewhere. Above normal precipitation fell over much of the state. Winter wheat remained in fair to good condition. **MARCH:** Temperatures were near normal except in the west where they averaged 5 degrees above normal, and parts of the north central and central which had temperatures 2 to 5 degrees below normal. Snowcover was adequate for winter wheat. Calving and lambing were often difficult. **APRIL:** Unsettled weather slowed spring seeding to below the average mark for the month. Moisture was generally adequate and winter wheat began to break dormancy. Nearly 80% of the calves and lambs were dropped by month's end with some death losses reported due to cold, wet conditions. **MAY:** Generally a cool, wet month. Seeding lagged behind normal and growth and development of both winter wheat and spring crops were slowed. Cattle movement to summer ranges was retarded. **JUNE:** Cool, wet weather continued until nearly mid-month. Seeding completion was delayed until about the 20th. By month's end all crops were still behind normal in development, but in good condition. Moisture was generally adequate. **JULY:** Temperatures began to warm during the second half of the month speeding crop development and maturity. Rainfall kept soil moisture at adequate levels. Although maturity was slow crops were in good condition. **AUGUST:** Harvest fell behind because of delayed maturity and scattered rain showers. During the second half of the month warm and dry weather helped to speed progress but by month's end crop harvest activities were still behind schedule. **SEPTEMBER:** September was an ideal month for crop development and harvest activities. By the end of the month everything was almost on schedule. Soil moisture was poor for the start of winter wheat seeding. **OCTOBER:** The month started wet, but dry conditions prevailed most of the second half. Temperatures were mostly mild. Harvest of all crops was finished during the month and winter wheat seeding continued later than normal. **NOVEMBER:** Soil moisture remained adequate helping winter wheat. Livestock were returned from summer ranges. Grazing continued for about half of the state's cattle herd at month's end. **DECEMBER:** Snowcover was poor. A cold wave hit for about 10 days at mid-month, but normal temperatures returned after that. Winter wheat was in good condition.

MONTANA'S RANK IN THE NATION'S AGRICULTURE

Item	Unit (000)	Period or Date	Rank
Acres in strip cropping	4,489 acres	1969 Census	1
Land in farms and ranches	62,100 acres	1982	2
Income from cash receipts, excluding Gov't payments			
Total	$1,632,942	1982	
Crops	$ 980,328	1982	
Livestock	$ 652,614	1982	

LIVESTOCK and LIVESTOCK PRODUCTS

	(000)		
All cattle and calves	2,990 head	Jan. 1, 1983	12
All cows	1,549 head	Jan. 1, 1983	10
Milk cows	29 head	Jan. 1, 1983	41
Beef cows	1,520 head	Jan. 1, 1983	7
Cattle on feed	75 head	Jan. 1, 1983	22
Hogs and pigs	154 head	Dec. 1, 1982	28
Sheep and lambs	560 head	Jan. 1, 1983	7
Wool production	5,141 pounds	1981	7
All chickens	970 birds	Dec. 1, 1982	39

CROPS (PRODUCTION)

	(000)		
All wheat	183,560 bushels	1982	4
Winter wheat	80,560 bushels	1982	7
Durum wheat	10,200 bushels	1982	3
Spring wheat other than durum	92,800 bushels	1982	3
All hay	5,105 tons	1982	12
Alfalfa hay	3,380 tons	1982	10
Dry beans	139 cwt.	1982	12
Barley	76,440 bushels	1982	2
Oats	7,650 bushels	1982	13
Potatoes--fall	1,924 cwt.	1982	16
Sugarbeets	851 tons	1982	8

RECORD HIGHS

Livestock	Size & Unit (000)	Date
Cattle & calves	3,380 head	Jan. 1, 1974
Sheep & lambs	5,736 head	Jan. 1, 1903
Hogs & pigs	445 head	Jan. 1, 1944
Chickens	2,738 birds	Jan. 1, 1944
Honey production	13,184 pounds	1979
Crops		
All wheat	183,560 bushels	1982
Winter wheat	105,000 bushels	1975
All spring wheat (including durum)	92,800 bushels	1982
Durum wheat	18,093 bushels	1956
Barley	76,440 bushels	1982
Oats	25,650 bushels	1915
All hay	5,105 tons	1982
Sugarbeets	1,206 tons	1969
Potatoes	2,871 cwt.	1918

NUMBER OF FARMS 1910-1983

ALL LAND IN FARMS -- AND AVERAGE SIZE OF FARMS

1950-1983

Number of Farms -- 1910-1949

	NUMBER OF FARMS	Year	NUMBER OF FARMS	Year	NUMBER OF FARMS	Year	NUMBER OF FARMS
	Thous.		Thous.		Thous.		Thous.
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

Number of Farms, All Land in Farms and Average Size of Farm, 1950-1983

Year	Number of Farms	All Land in Farms	Average Size of Farms
	Thous.	Thous. Acres	Acres
1950	37.2	65,000	1,747
1951	36.8	65,200	1,772
1952	36.4	65,500	1,795
1953	35.9	65,800	1,833
1954	35.4	66,100	1,867
1955	34.8	66,100	1,399
1956	34.2	66,200	1,936
1957	33.6	66,300	1,973
1958	33.0	66,500	2,015
1959	32.4	66,600	2,056
1960	31.7	66,700	2,104
1961	30.8	66,800	2,169
1962	30.1	66,800	2,219
1963	29.5	66,800	2,264
1964	28.9	67,200	2,325
1965	28.4	66,700	2,349
1966	28.0	66,200	2,364
1967	27.6	65,700	2,380
1968	27.1	65,200	2,406
1969	26.7	64,700	2,423
1970	26.4	64,200	2,432
1971	26.0	63,700	2,450
1972	25.5	63,200	2,478
1973	25.1	63,000	2,510
1974	24.6	62,800	2,553
1975	23.4[1]	62,200	2,693
1976	23.4	62,200	2,658
1977	23.5	62,100	2,643
1978	23.6	62,100	2,631
1979	23.7	62,100	2,620
1980	23.8	62,100	2,609
1981	23.9	62,100	2,598
1982	24.0	62,100	2,588
1983	24.0	62,100	2,588

[1] Places which had annual sale of agricultural products of $1,000 or more. Series initiated with 1975.

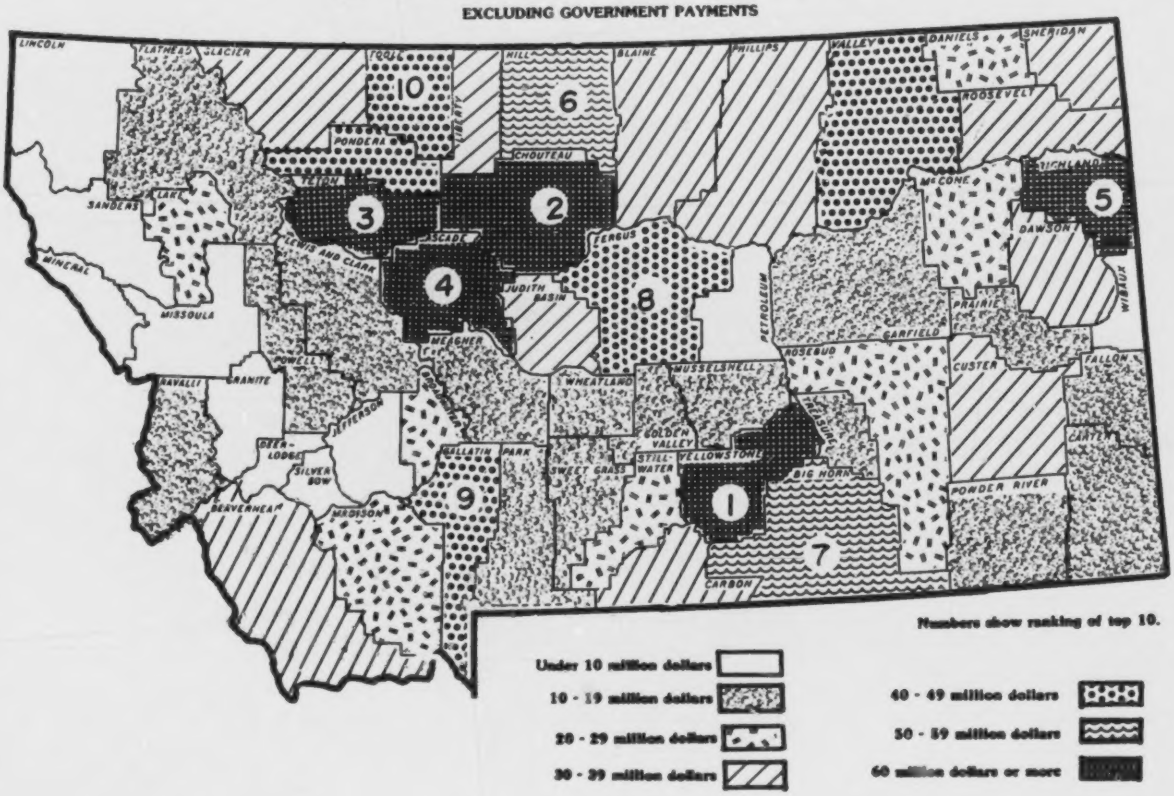
CASH RECEIPTS -- 1972 - 1982

Cash Receipts from the Sale of Principal Farm Products and Government Payments

Year	Livestock and Livestock Products	Crops	Total Receipts from Marketings	Government Payments	Total All Cash Receipts
			Thousand Dollars		
1972....................	495,281	328,465	823,746	103,169	926,915
1973....................	572,107	554,964	1,127,071	64,990	1,192,061
1974....................	433,124	720,745	1,153,869	14,998	1,168,867
1975....................	420,949	587,992	1,008,941	9,350	1,018,291
1976....................	456,119	582,365	1,038,484	10,497	1,048,981
1977....................	496,201	475,120	971,321	61,443	1,032,764
1978....................	681,013	533,056	1,214,069	137,237	1,351,306
1979....................	806,038	585,278	1,391,316	33,997	1,425,313
1980....................	747,447	657,547	1,404,994	58,484	1,463,478
1981....................	629,224	782,671	1,411,895	85,131	1,497,026
1982....................	652,614	980,328	1,632,942	116,916	1,749,858

CASH RECEIPTS FROM FARM MARKETINGS - 1981

EXCLUDING GOVERNMENT PAYMENTS


LINCOLN
FLATHEAD
GLACIER
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10
LIBERTY
HILL
6
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
PONDERA
CHOUTEAU
TETON
3
2
SANDERS
LAKE
McCONE
RICHLAND
5
DAWSON
MINERAL
LEWIS AND CLARK
CASCADE
4
JUDITH BASIN
FERGUS
8
PETROLEUM
WIBAUX
PRAIRIE
GARFIELD
MISSOULA
MEAGHER
POWELL
WHEATLAND
MUSSELSHELL
ROSEBUD
CUSTER
FALLON
RAVALLI
GRANITE
JEFFERSON
GOLDEN VALLEY
TREASURE
CARTER
DEER LODGE
SILVER BOW
GALLATIN
PARK
SWEET GRASS
STILL-WATER
YELLOWSTONE
BIG HORN
POWDER RIVER
9
1
7
BEAVERHEAD
MADISON
CARBON
Under 10 million dollars
10 - 19 million dollars
20 - 29 million dollars
30 - 39 million dollars
40 - 49 million dollars
50 - 59 million dollars
60 million dollars or more

Numbers show ranking of top 10.

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CASH RECEIPTS FROM MARKETINGS BY COMMODITIES
1977 - 1982 1/

	1977	1978	1979	1980	1981	1982
			Thousand Dollars			
Livestock and Products						
Cattle and Calves	412,820	582,260	700,097	640,507	506,118	538,414
Dairy Products	27,092	29,775	33,515	38,416	42,372	42,833
Sheep and Lambs	11,923	16,925	13,243	12,307	13,469	18,847
Wool	3,332	3,547	4,672	5,304	5,783	4,061
Hogs	23,978	34,291	28,490	26,433	35,090	32,614
Eggs	8,071	8,462	9,012	7,906	8,835	8,479
Chickens	174	154	85	117	174	180
Other 2/	8,811	5,599	16,924	16,457	17,383	7,186
TOTAL	496,201	681,013	806,038	747,447	629,224	652,614
Crops						
Field Crops						
Wheat	328,917	372,197	422,258	463,051	590,907	755,049
Barley	70,181	72,819	73,221	77,876	88,643	110,728
Sugarbeets	26,074	26,462	30,922	45,181	34,447	43,741
Hay	25,740	25,947	27,158	39,510	34,114	33,353
Potatoes	6,422	7,880	7,052	5,969	12,492	11,944
Oats	2,319	2,564	3,263	2,034	2,461	3,213
Dry Edible Beans	1,840	1,989	2,908	4,257	4,052	2,745
Other 3/	7,543	15,882	9,549	12,100	9,435	12,076
Fruits and Berries						
Cherries	1,300	1,276	2,006	428	874	1,928
Other 4/	34	40	41	41	46	51
Other Products						
Forest	3,200	4,200	4,700	4,700	3,000	3,500
Greenhouse and Nursery	1,550	1,800	2,200	2,400	2,200	2,000
TOTAL	475,120	533,056	585,278	657,547	782,671	980,328
All Commodities	971,321	1,214,069	1,391,316	1,404,994	1,411,895	1,632,942

1/ Revised.

2/ Honey and beeswax, turkey & turkey eggs, ducks, geese, other fowl, game birds, rabbits, mink, bees, horses, and mules.

3/ Dry field peas, cabbage, sweet corn, lettuce, onions, green peas, tomatoes, miscellaneous vegetables, rye, corn sorghum grain, soybeans, alfalfa seed, alsike clover seed, red clover seed, mustard seed, timothy seed, Kentucky bluegrass seed, bromegrass seed, tescue seed, rapeseed, wheatgrass seed, white clover seed, flaxseed, and other seeds.

4/ Apples, plums, prunes, strawberries, raspberries, other berries.

CASH RECEIPTS FROM MARKETINGS BY COMMODITIES
AS A PERCENT OF TOTAL RECEIPTS FOR ALL COMMODITIES -- 1977 - 1982 1/

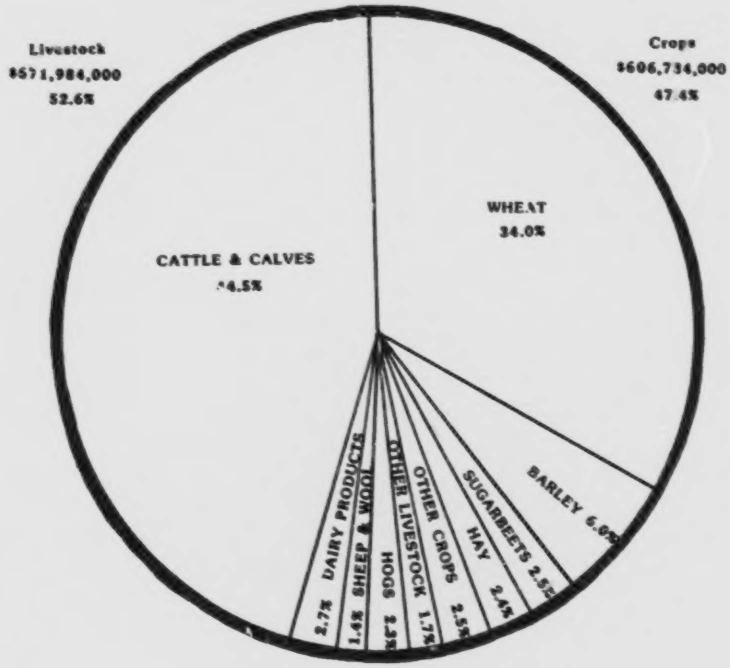
	1977	1978	1979	1980	1981	1982
			Percent of Total			
Livestock and Products						
Cattle and Calves	42.5	48.0	50.3	45.6	35.9	33.0
Dairy Products	2.8	2.4	2.4	2.7	3.0	2.6
Sheep and Lambs	1.2	1.4	1.0	.9	1.0	1.2
Wool	.3	.3	.3	.4	.4	.3
Hogs	2.5	2.8	2.0	1.9	2.5	2.0
Chickens and Eggs	.9	.7	.7	.6	.6	.5
Other	.9	.5	1.2	1.1	1.2	.4
TOTAL	51.1	56.1	57.9	53.2	44.6	40.0
Crops						
Wheat	33.9	30.7	30.3	33.0	41.9	46.2
Barley	7.2	6.0	5.3	5.5	6.3	6.8
Sugarbeets	2.7	2.2	2.2	3.2	2.4	2.7
Hay	2.6	2.1	2.0	2.8	2.4	2.0
Potatoes	.7	.6	.5	.4	.9	.7
Other	1.8	2.3	1.8	1.9	1.5	1.6
TOTAL	48.9	43.9	42.1	46.8	55.4	60.0
All Commodities	100.0	100.0	100.0	100.0	100.0	100.0

1/ Revised.

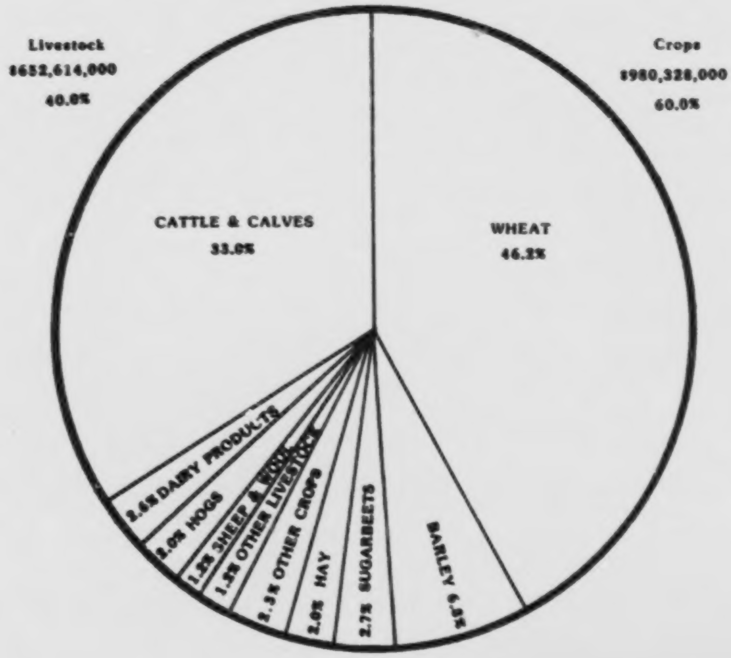
CASH RECEIPTS

FROM FARM MARKETINGS of COMMODITIES

1977-81 AVERAGE



1982



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CASH RECEIPTS BY COUNTIES - 1981

From Sale of Principal Products and Government Payments 1/

COUNTY & DISTRICT	Livestock and Livestock Products	Crops	Total Receipts from Marketings --Dollars--	Government Payments	All Cash Receipts
Deer Lodge..........	816,000	1,156,000	1,972,000	36,000	2,008,000
Flathead............	7,697,000	11,089,000	18,786,000	376,000	19,162,000
Granite.............	7,485,000	1,818,000	9,303,000	74,000	9,377,000
Lake................	13,803,000	12,338,000	26,141,000	376,000	26,517,000
Lincoln.............	1,391,000	997,000	2,388,000	23,000	2,411,000
Mineral.............	696,000	479,000	1,175,000	8,000	1,183,000
Missoula............	4,380,000	3,568,000	7,948,000	103,000	8,051,000
Powell..............	10,306,000	3,795,000	14,101,000	163,000	14,264,000
Ravalli.............	15,693,000	4,146,000	19,839,000	216,000	20,055,000
Sanders.............	3,832,000	1,178,000	5,010,000	170,000	5,180,000
N. WEST	66,099,000	40,564,000	106,663,000	1,545,000	108,208,000
Blaine..............	12,826,000	23,380,000	36,206,000	2,159,000	38,365,000
Chouteau............	11,789,000	63,111,000	74,900,000	4,807,000	79,707,000
Glacier.............	9,292,000	25,044,000	34,336,000	1,487,000	35,823,000
Hill................	6,093,000	52,356,000	58,449,000	3,966,000	62,415,000
Liberty.............	3,450,000	35,857,000	39,307,000	1,817,000	41,124,000
Phillips............	16,556,000	17,808,000	34,364,000	2,572,000	36,936,000
Pondera.............	8,178,000	38,341,000	46,519,000	2,149,000	48,668,000
Teton...............	23,519,000	37,765,000	61,284,000	2,161,000	63,445,000
Toole...............	4,915,000	42,180,000	47,095,000	2,476,000	49,571,000
N. CENTRAL	96,618,000	335,842,000	432,460,000	23,594,000	456,054,000
Daniels.............	5,297,000	20,803,000	26,100,000	2,657,000	28,757,000
Dawson..............	8,954,000	23,266,000	32,220,000	3,067,000	35,287,000
Garfield............	12,327,000	6,982,000	19,309,000	3,484,000	22,793,000
McCone..............	8,704,000	19,323,000	28,027,000	3,434,000	31,461,000
Richland............	26,760,000	33,280,000	60,040,000	3,061,000	63,101,000
Roosevelt...........	8,276,000	30,256,000	38,532,000	3,515,000	42,047,000
Sheridan............	4,133,000	34,454,000	38,587,000	3,005,000	41,592,000
Valley..............	14,616,000	28,831,000	43,447,000	8,010,000	51,457,000
N. EAST	89,067,000	197,195,000	286,262,000	30,233,000	316,495,000
Broadwater..........	5,522,000	16,269,000	21,791,000	758,000	22,549,000
Cascade.............	34,987,000	26,214,000	61,201,000	2,229,000	53,430,000
Fergus..............	25,813,000	22,489,000	48,302,000	2,837,000	51,139,000
Golden Valley.......	9,385,000	2,536,000	11,921,000	415,000	12,336,000
Judith Basin........	15,584,000	15,013,000	30,597,000	1,162,000	31,759,000
Lewis & Clark.......	12,145,000	3,664,000	15,809,000	346,000	15,155,000
Meagher.............	12,937,000	1,859,000	14,796,000	293,000	15,089,000
Musselshell.........	8,876,000	3,791,000	12,667,000	875,000	13,542,000
Petroleum...........	7,175,000	1,196,000	8,371,000	721,000	9,092,000
Wheatland...........	9,267,000	3,023,000	12,290,000	444,000	12,734,000
CENTRAL.............	141,691,000	96,054,000	237,745,000	10,080,000	247,825,000
Beaverhead..........	32,320,000	6,288,000	38,608,000	414,000	39,022,000
Gallatin............	23,573,000	24,622,000	48,195,000	1,009,000	49,204,000
Jefferson...........	3,631,000	1,371,000	5,002,000	113,000	5,115,000
Madison.............	21,172,000	4,457,000	25,629,000	326,000	25,955,000
Silver Bow..........	4,184,000	508,000	4,692,000	12,000	4,704,000
S. WEST.............	84,880,000	37,246,000	122,126,000	1,874,000	124,000,000
Big Horn............	31,097,000	22,384,000	53,481,000	1,311,000	54,792,000
Carbon..............	18,979,000	18,922,000	37,901,000	468,000	38,369,000
Park................	10,317,000	3,557,000	13,874,000	326,000	14,200,000
Stillwater..........	18,205,000	7,303,000	25,508,000	646,000	26,154,000
Sweet Grass.........	9,409,000	1,258,000	10,667,000	324,000	10,991,000
Treasure............	3,783,000	8,954,000	12,737,000	393,000	13,130,000
Yellowstone.........	53,777,000	32,874,000	86,651,000	1,028,000	87,679,000
S. CENTRAL..........	145,567,000	95,252,000	240,819,000	4,496,000	245,315,000
Carter..............	12,669,000	4,349,000	17,018,000	2,701,000	19,719,000
Custer..............	20,939,000	9,883,000	30,822,000	2,514,000	33,336,000
Fallon..............	6,645,000	7,919,000	14,564,000	1,991,000	16,555,000
Powder River........	13,973,000	5,690,000	19,663,000	1,707,000	21,370,000
Prairie.............	7,829,000	8,214,000	16,043,000	1,248,000	17,291,000
Rosebud.............	15,393,000	10,701,000	26,094,000	1,756,000	27,850,000
Wibaux..............	4,158,000	5,287,000	9,445,000	1,392,000	10,837,000
S. EAST	81,606,000	52,043,000	133,649,000	13,309,000	146,958,000
STATE	705,528,000	854,196,000	1,559,724,000	85,131,000	1,644,855,000

1/ Includes estimates of inter-farm and intra-state sales resulting in larger total cash receipts than shown in USDA estimate on previous pages:

SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C.

NUMERICAL RANKING OF COUNTIES

COUNTY	1982 Crop Production						
	All Wheat 1/	Winter Wheat 2/	Spring Wheat Excl. Durum 3/	Durum Wheat 4/	Barley	Oats 5/	All Hay 6/
Beaverhead......	36	44	25	--	34	39	1
Big Horn........	19	9	27	20	16	23	7
Blaine..........	9	8	13	11	15	9	20
Broadwater......	26	26	21	--	24	34	38
Carbon..........	37	32	31	24	31	35	9
Carter..........	31	22	33	18	39	12	16
Cascade.........	14	7	16	10	8	24	13
Chouteau........	1	1	2	6	1	16	18
Custer..........	29	19	28	20	35	29	14
Daniels.........	11	48	5	7	23	25	39
Dawson..........	15	13	11	16	19	7	36
Deer Lodge......	52	--	50	--	51	--	46
Fallon..........	23	28	20	24	37	18	26
Fergus..........	16	4	22	25	5	11	3
Flathead........	42	39	34	--	12	47	27
Gallatin........	24	19	23	--	9	28	4
Garfield........	21	21	17	26	26	3	45
Glacier.........	18	32	10	14	4	14	34
Golden Valley...	30	18	45	--	29	31	46
Granite.........	53	--	51	--	53	52	28
Hill............	2	2	1	23	6	6	48
Jefferson.......	45	42	43	--	49	48	30
Judith Basin....	22	15	26	15	10	19	38
Lake............	40	38	32	--	32	13	13
Lewis & Clark...	38	35	35	17	33	39	20
Liberty.........	7	6	8	13	11	43	54
Lincoln.........	--	--	--	--	56	54	51
McCone..........	10	12	7	9	18	10	42
Madison.........	39	41	29	--	36	46	2
Meagher.........	44	40	49	--	27	41	23
Mineral.........	52	51	52	--	55	54	55
Missoula........	50	50	46	--	46	44	32
Musselshell.....	35	29	44	--	40	38	44
Park............	41	34	39	--	41	33	10
Petroleum.......	43	37	41	--	44	50	37
Phillips........	13	17	6	28	14	1	5
Pondera.........	6	3	15	3	2	22	33
Powder River....	33	25	40	--	43	26	16
Powell..........	51	52	48	--	48	51	25
Prairie.........	32	24	38	--	38	21	47
Ravalli.........	48	48	42	--	42	34	12
Richland........	17	16	12	12	22	5	24
Roosevelt.......	5	31	4	2	28	2	31
Rosebud.........	28	22	24	--	21	37	29
Sanders.........	49	47	50	--	52	43	35
Sheridan........	4	46	14	1	20	4	43
Silver Bow......	--	--	--	--	54	55	52
Stillwater......	27	14	29	--	25	45	22
Sweet Grass.....	47	43	47	--	47	27	18
Teton...........	12	5	18	5	3	15	6
Toole...........	8	9	9	4	7	20	53
Treasure........	46	44	37	--	50	49	50
Valley..........	3	30	3	23	13	8	8
Wheatland.......	34	26	36	--	30	32	41
Wibaux..........	25	36	19	8	45	30	49
Yellowstone.....	20	11	30	19	17	17	12

1/ Deer Lodge and Mineral tie in numerical ranking of all wheat.
2/ Blaine and Toole tie in numerical ranking of winter wheat.
3/ Park and Stillwater; Deer Lodge and Sanders tie in numerical ranking of spring wheat.
4/ Valley, Hill Custer and Big Horn; Phillips and Carbon tie in numerical ranking of durum wheat.
5/ Custer, Wibaux; Liberty, Sanders; Lincoln and Mineral tie in numerical ranking of oats.
6/ Ravalli and Yellowstone tie in numerical ranking of hay.

NUMERICAL RANKING OF COUNTIES

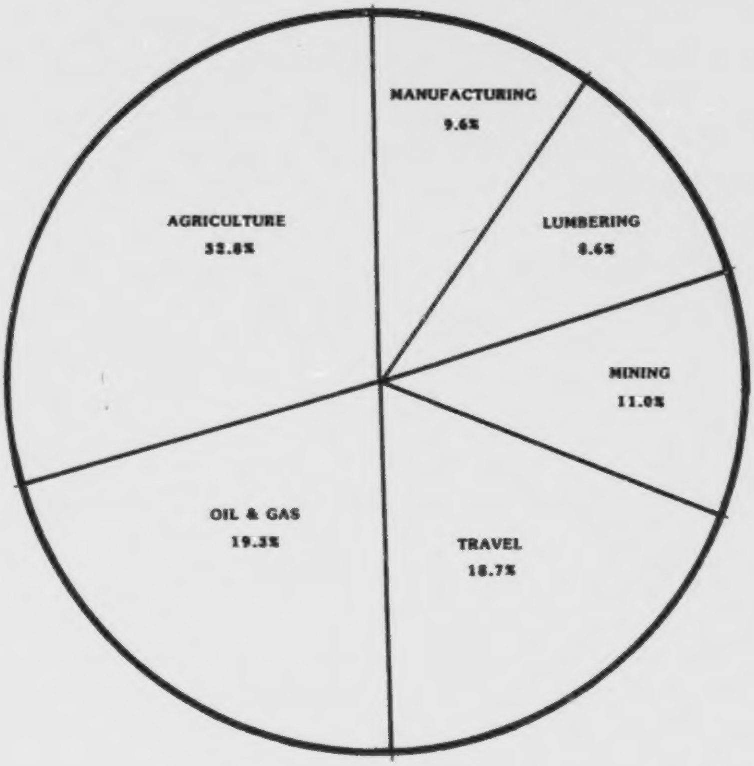
	Cash Receipts-1981			Livestock Numbers		
COUNTY	All Products	Livestock and Products	Crops	Cattle Jan. 1, 1982	Sheep 1/ Jan. 1, 1982	Hogs 2/ Dec. 1, 1981
Beaverhead......	14	3	34	1	3	22
Big Horn........	7	4	18	3	22	18
Blaine..........	18	21	15	6	15	16
Broadwater......	30	43	23	40	27	30
Carbon..........	17	11	21	19	10	23
Carter..........	35	22	38	18	1	31
Cascade.........	4	2	12	13	14	18
Chouteau........	2	25	1	21	36	1
Custer..........	22	10	28	10	16	27
Daniels.........	26	44	19	50	36	11
Dawson..........	21	32	16	31	32	31
Deer Lodge......	55	55	53	52	45	39
Fallon..........	39	41	31	28	28	14
Fergus..........	8	6	17	2	9	3
Flathead........	34	38	26	46	38	9
Gallatin........	9	7	14	14	17	22
Garfield........	33	23	33	16	2	26
Glacier.........	20	30	13	37	35	5
Golden Valley...	45	29	46	38	24	15
Granite.........	48	39	48	36	39	41
Hill............	6	42	2	43	41	4
Jefferson.......	52	52	49	42	43	29
Judith Basin....	23	15	24	15	18	30
Lake............	25	19	25	17	24	12
Lewis & Clark...	37	24	42	27	13	28
Liberty.........	13	53	6	51	46	10
Lincoln.........	54	54	54	54	45	37
McCone..........	24	34	20	32	5	32
Madison.........	28	9	37	4	8	21
Meagher.........	38	20	47	11	20	28
Mineral.........	56	56	56	56	45	--
Missoula........	50	46	43	53	45	40
Musselshell.....	43	33	41	33	12	33
Park............	41	26	44	22	29	33
Petroleum.......	49	40	51	35	21	41
Phillips........	19	13	22	7	11	19
Pondera.........	11	36	4	39	25	2
Powder River....	32	18	35	9	6	35
Powell..........	40	27	40	20	40	35
Prairie.........	36	37	30	30	26	20
Ravalli.........	31	14	39	26	19	24
Richland........	5	5	8	29	23	20
Roosevelt.......	16	35	10	44	30	16
Rosebud.........	27	16	27	8	7	25
Sanders.........	51	50	52	41	42	38
Sheridan........	15	49	7	48	37	25
Silver Bow......	53	47	55	55	46	41
Stillwater......	29	12	32	25	12	17
Sweet Grass.....	46	28	50	24	4	27
Teton...........	3	8	5	23	17	8
Toole...........	10	45	3	49	34	7
Treasure........	42	51	29	45	44	36
Valley..........	12	17	11	12	30	13
Wheatland.......	44	31	45	34	5	6
Wibaux..........	47	48	36	47	33	34
Yellowstone.....	1	1	9	5	31	15

1/ Musselshell, Silver Bow; Teton, Gallatin; McCone, Wheatland; Lake, Golden Valley; Roosevelt, Valley; Chouteau, Daniels; Deer Lodge, Lincoln, Mineral and Missoula tie in numerical ranking of sheep.

2/ Golden Valley, Yellowstone; Blaine, Roosevelt; Big Horn, Cascade; Beaverhead, Gallatin; Rosebud, Sheridan; Custer, Sweet Grass; Lewis & Clark, Meagher, Prairie; Broadwater, Judith Basin; Carter, Dawson; Musselshell, Park; Powell, Powder River; Granite, Petroleum and Silver Bow tie in numberical ranking of hogs.

RELATIVE IMPORTANCE OF SELECTED MAJOR MONTANA INDUSTRIES

Percent of Total



MONTANA PRIMARY INDUSTRIES

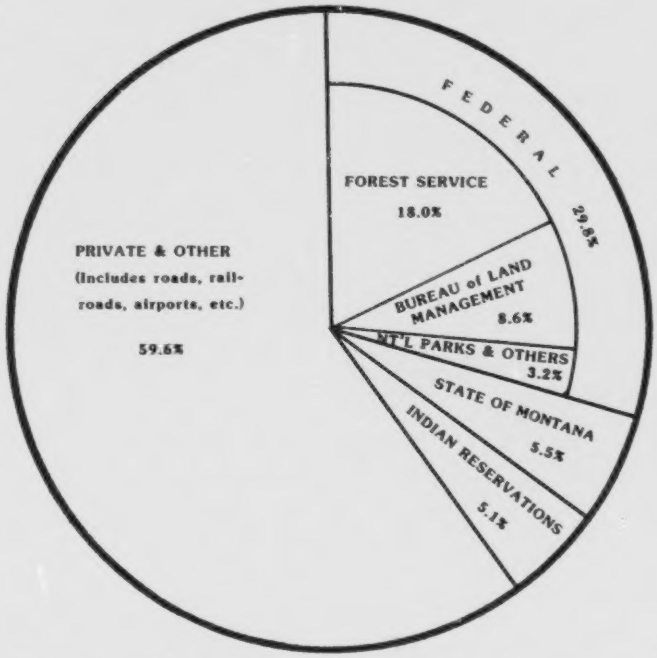
INDUSTRY	BASIS	YEAR	VALUE IN THOUSANDS
Agriculture 1/	Cash Receipts	1982	$1,749,858
Oil & Gas 2/	Value of Production	1982	1,030,000
Travel & Tourism 3/	Value of Receipts	1982	1,000,000
Mining 2/	Value of Production	1982	589,551
Lumber, Paper & Wood Products 4/	Value of Production	1982	460,000
Manufacturing 5/	Value Added	1977	515,000
TOTAL			$5,344,409

1/ USDA--ERS (Includes Government Payments).
2/ Montana Department of Revenue.
3/ Montana Department of Commerce, Montana Promotion Bureau.
4/ Bureau of Business & Economic Research, University of Montana (Preliminary).
5/ US Department of Commerce--Census of Manufacturers,1977.

MONTANA LAND AREA and LAND IN FARMS

MONTANA LAND AREA (93.2 Million Acres)

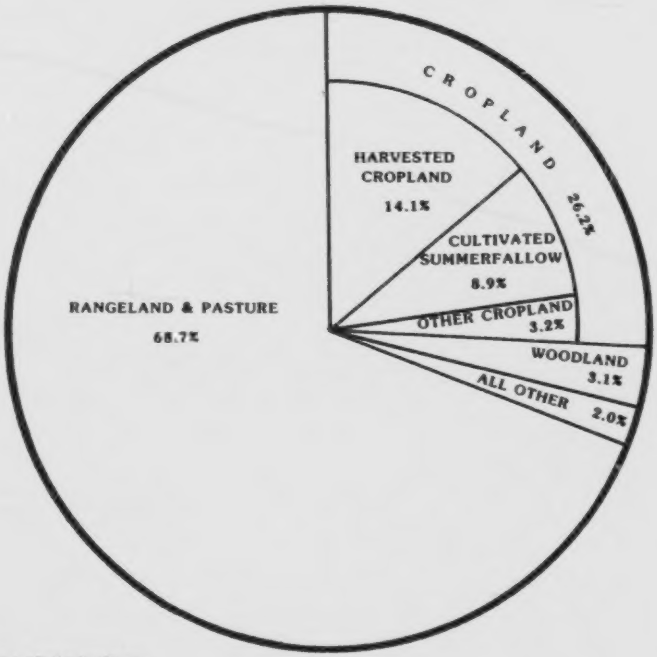
Ownership as Percentage of Total



Sources: BLM, "Public Land Statistics, 1980"; USFS; BIA; State of Montana Department of Lands; Total Land Area per 1978 Census of Agriculture.

LAND IN FARMS & RANCHES (62.3 Million Acres)

Utilization as Percentage of Total



Source: 1978 Census of Agriculture.

COMMERCIAL FERTILIZER CONSUMPTION

By Primary Nutrients and Fertilizer Materials, 1977 - 1982[1]

PRIMARY NUTRIENTS	1977	1978	1979	1980	1981	1982
	Tons					
Nitrogen........................	64,024	53,982	76,382	64,889	86,440	115,046
Available P^2O^5..............	74,294	59,816	78,997	57,450	70,069	77,620
K^2O..........................	8,609	5,298	10,292	8,759	10,836	12,367
TOTAL NUTRIENTS[2].......	146,927	119,097	165,671	131,098	167,345	205,033
FERTILIZER MATERIALS						
NITROGEN MATERIALS:						
Anhydrous Ammonia...........	6.055	2,607	6,576	8,255	23,386	48,250
Aqua Ammonia................	148	47	0	0	0	54
Ammonium Nitrate............	69,115	57,519	66,088	59,615	73,116	75,029
Ammonium Sulphate...........	5,174	3,969	5,469	15,244	8,109	9,020
Nitrogen Solution...........	5,143	5,121	6,846	8,401	15,717	20,258
Urea........................	9,261	14,741	34,455	23,570	26,363	34,043
Other.......................	1,036	0	250	0	1,387	2,430
PHOSPHATE MATERIALS:						
Phosphate Rock.............	50	0	0	0	0	0
Superphosphate-over 25%....	10,581	10,083	7,977	6,274	7,259	6,095
Ammonium Phosphate.........	27,144	21,777	16,626	19,574	25,567	22,153
Other......................	991	291	824	786	422	2,350
POTASH MATERIALS:						
Chloride 50-62%............	13,318	7,188	0	10,522	12,673	18,956
Other......................	0	0	15,020	6,197	6,895	40
NATURAL ORGANIC............	127	0	0	0	668	330
SECONDARY AND MICRONUTRIENTS:						
Gypsum.....................	9,587	6,791	3,227	958	422	673
Other......................	406	495	3,911	5,002	5,699	2,946
MIXTURES...................	143,946	119,293	166,565	116,065	133,444	150,300
TOTAL MATERIALS AND MIXTURES..........	302,082	249,922	333,834	280,463	341,127	392,927

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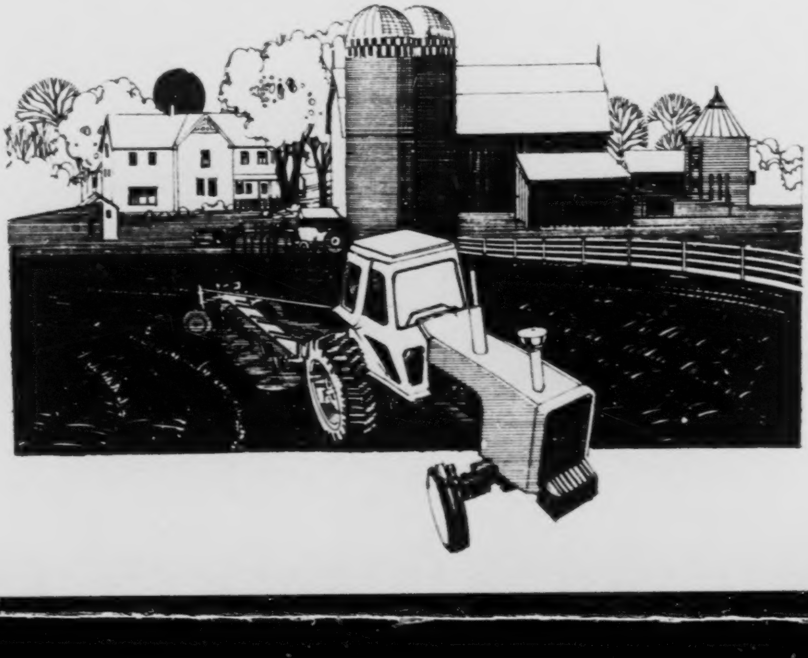
[1] Year ending June 1.

[2] Data for some years may not add due to rounding.

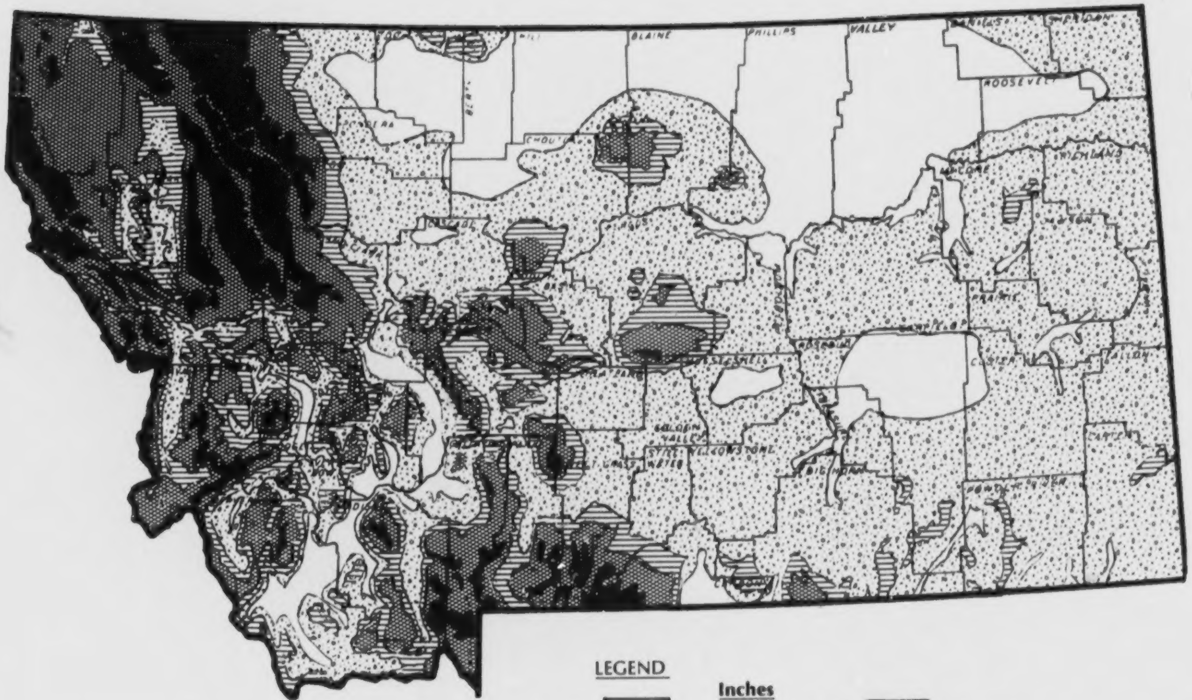


ALL CROPS IRRIGATED and NOT IRRIGATED – 1981-1982

Acres Harvested

COUNTY & DISTRICT	IRRIGATED 1981 Acres Harvested	IRRIGATED 1982 Acres Harvested	NOT IRRIGATED 1981 Acres Harvested	NOT IRRIGATED 1982 Acres Harvested
Deer Lodge.......	15,940	16,300	1,100	900
Flathead.........	34,700	35,050	45,600	40,500
Granite..........	31,600	33,700	2,400	3,300
Lake.............	52,800	52,750	33,600	19,200
Lincoln..........	7,400	6,800	3,500	3,800
Mineral..........	1,900	1,400	1,500	1,700
Missoula.........	26,250	20,500	13,750	18,200
Powell...........	50,900	36,150	11,100	11,500
Ravalli..........	41,560	42,050	6,300	4,900
Sanders..........	22,450	14,800	19,250	15,700
N. WEST	285,500	259,500	138,100	119,700
Blaine...........	33,700	35,900	239,200	243,900
Chouteau.........	23,500	23,400	695,800	719,500
Glacier..........	26,500	31,100	207,000	219,600
Hill.............	5,800	6,600	624,300	554,800
Liberty..........	4,400	6,300	308,400	276,300
Phillips.........	43,100	63,100	220,100	233,500
Pondera..........	49,400	48,000	270,700	272,300
Teton............	92,100	90,400	202,200	199,500
Toole	3,500	3,600	347,200	324,500
N. CENTRAL	282,000	308,400	3,114,900	3,043,900
Daniels..........	4,000	2,400	293,100	314,600
Dawson...........	24,630	17,260	227,900	246,900
Garfield.........	6,900	9,100	153,800	150,200
McCone...........	7,300	6,400	278,800	299,500
Richland.........	48,240	40,490	223,800	247,400
Roosevelt........	7,600	8,400	424,700	370,300
Sheridan.........	3,600	6,300	372,000	395,100
Valley...........	47,000	53,900	359,600	401,700
N. EAST	149,270	144,250	2,333,700	2,425,700
Broadwater.......	42,500	32,100	39,500	43,900
Cascade..........	25,800	23,600	255,000	235,600
Fergus...........	18,200	22,400	342,600	354,000
Golden Valley....	11,800	9,400	44,700	58,400
Judith Basin.....	5,800	7,000	162,800	155,800
Lewis & Clark....	40,300	39,800	28,100	31,500
Meagher..........	40,400	46,700	29,200	30,300
Musselshell......	14,800	9,500	46,800	42,700
Petroleum........	9.000	13,600	24,400	24,400
Wheatland........	15,700	19,700	60,700	53,300
CENTRAL	224,300	223,800	1,033,800	1,029,900
Beaverhead.......	158,900	169,300	10,200	6,700
Gallatin.........	90,800	71,400	68,800	79,600
Jefferson........	27,500	33,300	10,700	11,300
Madison..........	106,650	111,750	14,800	13,900
Silver Bow.......	7,300	7,800	1,000	2,000
S. WEST	391,150	393,550	105,500	113,500
Big Horn.........	34,860	42,270	182,700	157,800
Carbon...........	59,820	53,200	46,500	47,200
Park.............	48,300	49,800	35,400	32,200
Stillwater.......	28,520	25,380	107,900	102,900
Sweet Grass......	43,400	42,000	26,500	22,600
Treasure.........	20,550	14,790	17,600	18,100
Yellowstone......	82,820	80,330	137,900	120,700
S. CENTRAL	318,270	307,770	554,500	501,500
Carter...........	6,000	4,600	109,200	117,800
Custer...........	19,650	27,550	104,400	101,800
Fallon...........	3,500	4,700	129,000	131,400
Powder River.....	10,400	14,700	92,300	93,500
Prairie..........	12,260	9,680	66,500	62,300
Rosebud..........	28,300	29,800	99,100	91,000
Wibaux...........	2,700	1,600	101,600	94,200
S. EAST	82,810	92,630	702,100	692,000
STATE	1,733,300	1,729,900	7,982,600	7,926,200

AVERAGE ANNUAL PRECIPITATION


BLAINE
PHILLIPS
VALLEY
ROOSEVELT
CHOUTEAU
RICHLAND
PRAIRIE

LEGEND

Inches

0 - 12 ☐

12 - 16 ▒

16 - 20 ▤

20 - 40 ▩

40 & more ■

Source
U.S.D.A. Soil Conservation Service
Montana Water Resources Board
National Weather Service

Based on period 1953-67

Mt. Crop & Livestock Reporting Service
Helena, Montana

BEST AVAILABLE COPY

CLIMATOLOGICAL DATA

PREPARED BY THE NATIONAL WEATHER SERVICE, GREAT FALLS, MONTANA

Precipitation and Number of Days Between Freezing Temperatures 1981 - 1982

COUNTY & DISTRICT	STATIONS	Precipitation, Inches: Annual 1981	Annual 1982	Annual Normal 2/	Growing Season April thru September 1981	Growing Season 1982	Growing Season Normal 2/	Number of Days Between Dates of Temperature of 32°, Last in Spring and First in Fall 1/ 1981	1982	Avg.
Deer Lodge....	E. Anaconda.....	10.30	--	13.84	7.85	--	8.82	--	--	--
Flathead......	Kalispell.......	18.62	19.49	15.93	10.45	10.48	8.55	141	103	122
Granite.......	Phillipsburg....	15.49	--	14.22	11.24	--	9.77	83	37	60
Lake..........	St. Ignatius....	21.06	18.27	16.18	14.18	10.97	9.91	137	108	123
Lincoln.......	Fortine.........	18.68	17.82	17.25	12.49	10.30	9.60	134	99	117
Mineral.......	Superior........	12.13	15.04	17.46	5.48	8.88	8.14	***134	126	130
Missoula......	Missoula........	17.35	15.38	13.29	11.32	8.61	7.30	136	148	142
Powell........	Ovando..........	13.79	16.18	16.43 3/	8.49	7.56 3/	8.49 3/	3	26	15
Ravalli.......	Hamilton........	15.58	15.85	13.11	8.99	8.73	7.11	134	104	119
Sanders.......	Thompson Falls..	21.03	29.86	22.77	11.11	10.82	8.83	141	127	134
N. WEST.......	Averages........	16.40	18.49	16.05	10.16	9.54	8.65	116	97	107
Blaine........	Chinook.........	11.28	--	11.36	8.65	--	9.05	99	105	102
Chouteau......	Ft. Benton......	17.53	18.64	14.60	12.03	12.98	10.24	142	107	125
Glacier.......	Cut Bank........	14.01	--	11.99	10.66	--	9.81	132	168	150
Hill..........	Havre...........	10.05	14.99	11.16	7.27	10.74	8.14	143	105	124
Liberty.......	Joplin..........	11.46	10.94	10.58	9.24	8.99	8.67	132	103	118
Phillips......	Malta...........	10.07	15.70	11.58 3/	8.64	13.57	9.30	136	108	122
Pondera.......	Valier..........	12.74	13.47	12.28	9.80	11.01	10.05	135	106	121
Teton.........	Fairfield.......	15.13	13.00	12.51	11.72	9.80	9.80	142	97	120
N. CENTRAL....	Averages........	12.78	14.46	12.01	9.75	11.18	9.38	133	112	123
Daniels.......	Scobey..........	12.58	18.23	13.49	8.57	10.67	10.24	136	105	121
Dawson........	Glendive........	9.71	17.74	13.45	7.55	11.74	10.55	150	142	146
Garfield......	Jordan..........	12.85	**14.80	12.54	10.43	10.29	9.74	141	101	121
McCone........	Vida............	*11.36	--	15.70	8.28	11.28	11.93	140	136	138
Richland......	Savage..........	10.96	18.27	13.86	8.77	11.64	11.36	130	137	134
Roosevelt.....	Culbertson......	14.70	15.00	14.29	12.31	10.50	11.40	112	112	112
Sheridan......	Medicine Lake...	11.32	16.06	14.30	9.68	10.98	11.44	128	131	130
Valley........	Glasgow.........	8.79	12.21	11.55	6.18	8.13	9.07	141	163	152
N. EAST.......	Averages........	11.53	16.04	13.65	8.97	10.65	10.47	135	128	132
Broadwater....	Townsend........	*13.55	10.18	11.11	10.41	7.61	8.17	140	103	122
Cascade.......	Great Falls.....	13.86	17.68	15.24	9.21	11.26	10.20	141	105	123
Fergus........	Lewistown.......	22.13	22.37	17.66	15.75	14.42	12.75	100	103	102
Golden Valley.	Barber..........	13.99	15.90	12.49	11.19	12.59	9.41	140	106	123
Judith Basin..	Stanford........	*19.99	--	15.34	15.70	12.83	11.51	***136	106	121
Lewis & Clark.	Helena..........	13.81	13.98	11.37	10.77	9.27	7.79	141	107	124
Meagher.......	White Sul Spngs.	--	--	15.70	--	10.10	10.52	96	103	100
Musselshell...	Roundup.........	*15.96	13.77	12.01	12.81	10.95	9.31	144	112	128
Petroleum.....	Flatwillow......	13.38	**16.06	13.33	10.08	12.40	10.16	147	142	145
Wheatland.....	Harlowton.......	12.12	19.39	12.88	9.64	15.56	9.67	96	105	101
CENTRAL.......	Averages........	15.42	16.17	13.71	11.73	11.70	9.95	128	109	119
Beaverhead....	Dillon..........	*12.02	15.31	11.10	9.06	11.29	7.18	25	103	64
Gallatin......	Bozeman.........	*22.70	22.42	18.63	15.89	14.57	12.20	109	106	108
Madison.......	Virginia City...	*17.20	17.89	16.26	10.83	12.28	11.29	20	94	57
Silver Bow....	Butte	13.58	12.83	11.73	9.88	8.09	8.58	74	94	84
S. WEST.......	Averages........	16.38	17.11	14.43	11.41	11.56	9.81	57	99	78
Big Horn......	Crow Agency.....	15.06	18.56	15.31	10.30	11.08	10.09	105	106	106
Carbon........	Red Lodge.......	21.37	32.80	25.02	13.77	20.64	15.34	96	104	100
Park..........	Livingston......	17.75	15.54	15.12	12.73	11.62	10.67	146	105	126
Stillwater....	Columbus........	16.15	18.76	13.87	11.90	15.70	9.80	135	119	127
Sweet Grass...	Big Timber......	16.19	**21.17	15.20	11.55	16.22	10.77	146	106	126
Treasure......	Hysham..........	12.97	15.36	12.77	10.01	11.29	9.21	146	112	129
Yellowstone...	Billings........	16.45	18.27	15.09	11.98	12.77	9.55	148	128	138
S. CENTRAL....	Averages........	16.56	20.07	16.05	11.75	14.19	10.78	132	111	122
Carter........	Ekalaka.........	13.64	24.38	16.21	10.87	1[illegible].32	12.54	141	107	124
Custer........	Miles City......	10.63	16.38	14.11	7.84	11.77	10.29	181	121	151
Fallon........	Plevna..........	*12.56	--	13.21	10.21	14.40	10.34	141	110	126
Powder River..	Broadus.........	10.43	18.41	13.84	8.38	12.49	10.01	138	111	125
Prairie.......	Mildred.........	10.21	20.26	13.28 3/	7.93	13.80	10.63 3/	128	107	118
Rosebud.......	Forsyth.........	12.14	**15.09	12.13 3/	8.72	10.77	9.51 3/	131	145	138
Wibaux........	Wibaux..........	*12.17	**12.01	13.84	9.70	12.84	11.32	125	107	116
S. EAST.......	Averages........	11.68	19.26	13.80	9.09	13.20	10.66	141	115	128

1/ In this comparison the 'first in Fall' is the first freezing temperature after June 30.

2/ Normal for period 1951-1980.

3/ Normal for period 1941-1970.

*Estimated water equivalent of snow for one or two months.

**Estimated rainfall amount for some of the months.

***Estimates for some of the temperatures during one or two months.

WINTER WHEAT

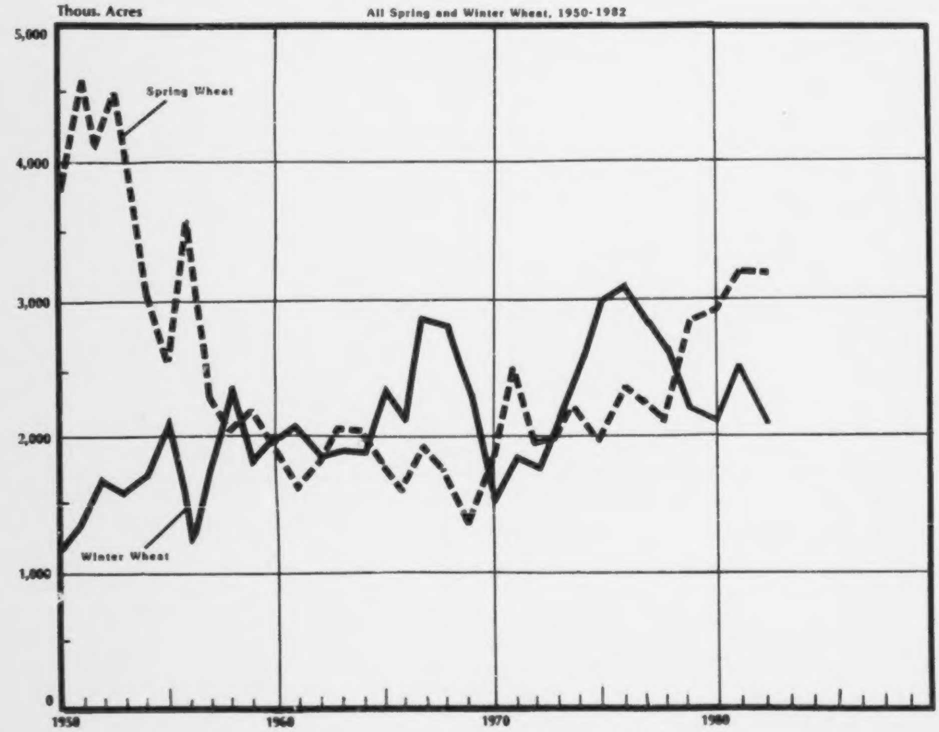
Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES Planted	 Harvested for Grain	PRODUCTION Yield Per Acre	 Total	VALUE Price Per Bu.	 Value Production	 Value Per Acre
			Bushels		Dollars		
1972........	2,143,000	1,790,000	27.0	48,330,000	1.87	90,377,000	50.49
1973......	2,200,000	2,080,000	26.5	55,120,000	4.18	230,402,000	110.77
1974......	2,750,000	2,650,000	29.5	78,175,000	3.98	311,137,000	117.41
1975......	3,100,000	3,000,000	35.0	105,000,000	3.34	350,700,000	116.90
1976......	3,200,000	3,080,000	32.0	98,560,000	2.32	228,659,000	74.24
1977......	3,050,000	2,800,000	29.0	81,200,000	2.30	182,760,000	65.27
1978......	2,900,000	2,700,000	31.0	83,700,000	2.73	228,501,000	84.63
1979......	3,000,000	2,250,000	25.5	57,375,000	3.60	206,550,000	91.80
1980......	2,600,000	2,150,000	25.5	54,825,000	3.90	213,817,500	99.45
1981......	2,700,000	2,550,000	35.0	89,250,000	3.63	323,978,000	127.05
1982......	2,450,000	2,120,000	38.0	80,560,000	3.50	281,960,000	133.00

Year	IRRIGATED Harvested for Grain	 Yield Per Acre	 Production	NOT IRRIGATED Harvested for Grain	 Yield Per Acre	 Production
		Bushels			Bushels	
1972......	26,000	52.0	1,353,000	1,764,000	26.6	46,977,000
1973......	21,000	48.8	1,025,000	2,059,000	26.3	54,095,000
1974......	21,900	50.6	1,107,100	2,628,100	29.3	77,067,900
1975......	22,200	54.9	1,218,900	2,977,800	34.9	103,781,100
1976......	22,000	51.8	1,140,000	3,058,000	31.9	97,420,000
1977......	19,000	53.0	1,007,000	2,781,000	28.8	80,193,000
1978......	14,000	54.0	756,000	2,686,000	30.9	82,944,000
1979......	16,200	48.9	791,500	2,233,800	25.3	56,583,500
1980......	23,000	56.1	1,290,200	2,127,000	25.2	53,534,800
1981......	19,000	56.0	1,064,000	2,531,000	34.8	88,186,000
1982......	13,000	56.5	735,000	2,107,000	37.9	79,825,000

ACRES HARVESTED

All Spring and Winter Wheat, 1950-1982



DURUM WHEAT

Acreage, Production, Price, Total Value and Value Per Acre

	ACRES		PRODUCTION		VALUE		
Year	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels		Dollars		
1972..........	137,000	134,000	31.5	4,221,000	1.86	7,851,000	58.59
1973..........	185,000	182,000	22.0	4,004,000	5.90	23,624,000	129.80
1974..........	270,000	267,000	19.0	5,073,000	5.84	29,626,000	110.96
1975..........	380,000	375,000	27.0	10,125,000	4.48	45,360,000	120.96
1976..........	300,000	295,000	29.0	8,555,000	2.46	21,045,000	71.34
1977..........	230,000	220,000	22.0	4,840,000	2.69	13,020,000	59.18
1978..........	300,000	290,000	30.0	8,700,000	2.87	24,969,000	86.10
1979..........	335,000	325,000	21.0	6,825,000	4.15	28,324,000	87.15
1980..........	470,000	400,000	19.0	7,600,000	5.75	43,700,000	109.25
1981..........	490,000	480,000	23.0	11,040,000	3.60	39,744,000	82.80
1982..........	350,000	340,000	30.0	10,200,000	3.30	33,660,000	99.00

	IRRIGATED			NOT IRRIGATED		
Year	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels			Bushels	
1972..........	1,000	38.0	38,000	133,000	31.5	4,183,000
1973..........	800	39.5	31,600	181,200	21.9	3,972,400
1974..........	700	38.6	27,000	266,300	18.9	5,046,000
1975..........	4,000	45.3	181,200	371,000	26.8	9,943,800
1976..........	3,300	40.7	134,400	291,700	28.9	8,420,600
1977..........	3,600	37.8	135,900	216,400	21.7	4,704,100
1978..........	800	36.0	28,800	289,200	30.0	8,671,200
1979..........	600	45.0	27,000	324,400	21.0	6,798,000
1980..........	7,000	47.0	329,000	393,000	18.5	7,271,000
1981..........	4,000	46.0	184,000	476,000	22.8	10,856,000
1982..........	1,000	53.0	53,000	339,000	29.9	10,147,000

SPRING WHEAT EXCLUDING DURUM

Acreage, Production, Price, Total Value and Value Per Acre

	ACRES		PRODUCTION		VALUE		
Year	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value Production	Value Per Acre
			Bushels		Dollars		
1972..........	1,850,000	1,780,000	26.0	46,280,000	1.90	87,932,000	49.40
1973..........	1,850,000	1,790,000	21.0	37,590,000	4.16	156,374,000	87.36
1974..........	2,000,000	1,940,000	19.0	36,860,000	4.57	168,450,000	86.83
1975..........	1,650,000	1,600,000	25.5	40,800,000	4.01	163,608,000	102.26
1976..........	2,080,000	2,040,000	29.5	60,180,000	2.61	157,070,000	77.00
1977..........	2,120,000	2,040,000	22.0	44,880,000	2.44	109,507,000	53.68
1978..........	1,900,000	1,850,000	29.0	53,650,000	2.77	148,611,000	80.33
1979..........	2,650,000	2,550,000	20.5	52,275,000	3.60	188,190,000	73.80
1980..........	2,900,000	2,550,000	22.5	57,375,000	4.15	238,106,250	93.38
1981..........	2,850,000	2,790,000	26.0	72,540,000	3.76	272,750,000	97.76
1982..........	2,950,000	2,900,000	32.0	92,800,000	3.50	324,800,000	112.00

	IRRIGATED			NOT IRRIGATED		
Year	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels			Bushels	
1972..........	36,000	41.5	1,494,000	1,744,000	25.7	44,786,000
1973..........	34,300	41.3	1,418,300	1,755,700	20.6	36,171,700
1974..........	44,100	41.7	1,839,400	1,895,900	18.5	35,020,600
1975..........	56,100	44.1	2,471,400	1,543,900	24.8	38,328,600
1976..........	89,000	44.3	3,944,000	1,951,000	28.8	56,236,000
1977..........	77,000	45.4	3,492,000	1,963,000	21.1	41,388,000
1978..........	54,000	49.8	2,686,900	1,796,000	28.4	50,963,100
1979..........	62,300	48.9	3,048,500	2,487,700	19.8	49,226,500
1980..........	78,200	54.9	4,291,600	2,471,800	21.5	53,083,400
1981..........	106,400	55.0	5,851,900	2,683,600	24.9	66,688,100
1982..........	86,000	59.6	5,131,900	2,814,000	31.2	87,668,100

ALL WHEAT

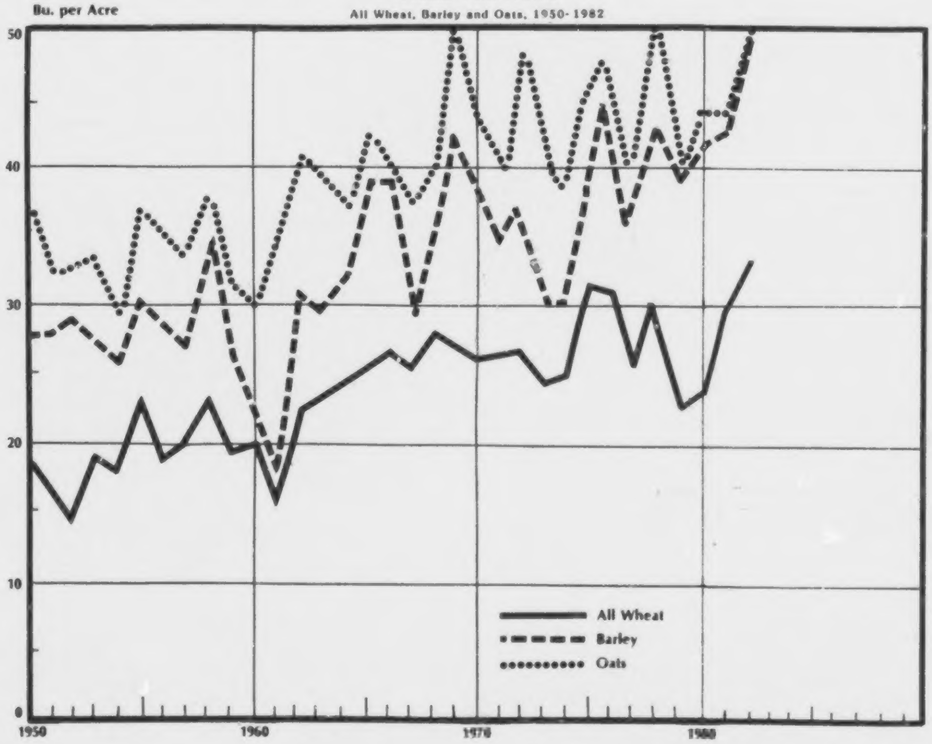
Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value Production	Value Per Acre
			Bushels		Dollars		
1972..........	4,130,000	3,704,000	26.7	98,831,000	1.88	186,160,000	50.26
1973..........	4,235,000	4,052,000	23.9	96,714,000	4.24	410,400,000	101.28
1974..........	5.020,000	4,857,000	24.7	120,108,000	4.24	509,213,000	104.84
1975..........	5,130,000	4,975,000	31.3	155,925,000	3.59	559,668,000	112.50
1976..........	5,580,000	5,415,000	30.9	167,295,000	2.43	406,774,000	75.12
1977..........	5,400,000	5,060,000	25.9	130,920,000	2.36	309,287,000	61.12
1978..........	5,100,000	4,840,000	30.2	146,050,000	2.75	402,081,000	83.07
1979..........	5,985,000	5,125,000	22.7	116,475,000	3.63	423,064,000	82.55
1980..........	5,970,000	5,100,000	23.5	119,800,000	4.14	495,623,750	97.18
1981..........	6,040,000	5,820,000	29.7	172,830,000	3.68	636,472,000	109.36
1982..........	5,750,000	5,360,000	34.2	183,560,000	3.49	640,420,000	119.48

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1972..........	63,000	45.8	2,885,000	3,641,000	26.4	95,946,000
1973..........	56,100	44.1	2,474,900	3,995,900	23.6	94,239,100
1974..........	66,700	44.6	2,973,500	4,790,300	24.5	117,134,500
1975..........	82,300	47.0	3,871,500	4,892,700	31.1	152,053,500
1976..........	114,300	45.7	5,218,400	5,300,700	30.6	162,076,600
1977..........	99,600	46.5	4,634,900	4,960,400	25.5	126,285,100
1978..........	68,800	50.5	3,471,700	4,771,200	29.9	142,578,300
1979..........	79,100	48.9	3,867,000	5,045,900	22.3	112,608,000
1980..........	108,200	54.6	5,910,800	4,991,800	22.8	113,889,200
1981..........	129,400	54.9	7,099,000	5,690,600	29.1	165,730,100
1982..........	100,000	59.2	5,919,900	5,260,000	33.8	177,640,100

YIELD PER ACRE

All Wheat, Barley and Oats, 1950-1982



1982 Yield Per Acre Oats -- 51.0 Bushels

OATS

Acreage, Production, Price, Total Value and Value Per Acre

	ACRES		PRODUCTION		VALUE		
Year	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1972..........	490,000	246,000	48.0	11,808,000	.71	8,384,000	34.08
1973..........	400,000	225,000	39.0	8,775,000	1.17	10,267,000	45.63
1974..........	300,000	175,000	38.0	6,650,000	1.61	10,707,000	61.18
1975..........	260,000	170,000	44.0	7,480,000	1.45	10,846,000	63.80
1976..........	260,000	157,000	48.0	7,536,000	1.44	10,852,000	69.12
1977..........	312,000	140,000	40.0	5,600,000	1.28	7,168,000	51.20
1978..........	400,000	208,000	51.0	10,608,000	1.23	13,048,000	62.73
1979..........	321,000	125,000	39.0	4,875,000	1.45	7,069,000	56.55
1980..........	220,000	73,000	44.0	3,212,000	1.96	6,295,520	86.24
1981..........	220,000	110,000	44.0	4,840,000	1.89	9,148,000	83.16
1982..........	260,000	150,000	51.0	7,650,000	1.50	11,475,000	76.50

	IRRIGATED			NOT IRRIGATED		
Year	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1972..........	32,300	64.8	2,092,000	213,700	45.5	9,716,000
1973..........	30,000	58.5	1,755,000	195,000	36.0	7,020,000
1974..........	26,000	55.8	1,450,000	149,000	34.9	5,200,000
1975..........	32,000	60.0	1,920,000	138,000	40.3	5,560,000
1976..........	31,400	60.8	1,909,000	125,600	44.8	5,627,000
1977..........	27,700	61.6	1,705,000	112,300	34.7	3,895,000
1978..........	33,000	63.0	2,079,000	175,000	48.7	8,529,000
1979..........	30,400	59.0	1,794,000	94,600	32.6	3,081,000
1980..........	20,100	67.0	1,346,700	52,900	35.3	1,865,300
1981..........	24,000	69.0	1,656,000	86,000	37.0	3,184,000
1982..........	32,000	72.0	2,315,400	118,000	45.3	5,334,600

BARLEY

Acreage, Production, Price, Total Value and Value Per Acre

	ACRES		PRODUCTION		VALUE		
Year	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1972..........	1,820,000	1,707,000	37.5	64,013,000	1.22	78,096,000	45.75
1973..........	2,100,000	2,000,000	30.0	60,000,000	2.17	130,200,000	65.10
1974..........	1,370,000	1,250,000	30.0	37,500,000	2.61	97,875,000	78.30
1975..........	1,360,000	1,300,000	39.0	50,700,000	2.10	106,470,000	81.90
1976..........	1,220,000	1,170,000	44.5	52,065,000	2.03	105,692,000	90.34
1977..........	1,550,000	1,430,000	36.5	52,195,000	1.68	87,688,000	61.32
1978..........	1,500,000	1,375,000	43.0	59,125,000	1.70	100,513,000	73.10
1979..........	1,100,000	1,040,000	39.0	40,560,000	2.15	87,204,000	83.85
1980..........	1,180,000	1,050,000	42.0	44,100,000	2.83	124,803,000	118.86
1981..........	1,400,000	1,320,000	43.0	56,760,000	2.32	131,683,000	99.76
1982..........	1,650,000	1,560,000	49.0	76,440,000	1.85	141,414,000	90.65

	IRRIGATED			NOT IRRIGATED		
Year	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1972..........	105,000	60.6	6,365,000	1,602,000	36.0	57,648,000
1973..........	126,000	54.4	6,858,500	1,874,000	28.4	53,141,500
1974..........	139,400	49.5	6,897,000	1,110,600	27.6	30,603,000
1975..........	191,000	56.3	10,745,500	1,109,000	36.0	39,954,500
1976..........	211,000	59.5	12,565,000	959,000	41.2	39,500,000
1977..........	240,000	59.0	14,160,000	1,190,000	32.0	38,035,000
1978..........	249,500	64.0	15,968,000	1,125,500	38.3	43,157,000
1979..........	235,000	63.0	14,805,000	805,000	32.0	25,755,000
1980..........	189,000	61.0	11,529,000	861,000	37.8	32,571,000
1981..........	195,000	65.0	12,675,000	1,125,000	39.2	44,085,000
1982..........	190,200	71.4	13,575,100	1,369,800	45.9	62,864,900

NON IRRIGATED WHEAT AND BARLEY BY CROPPING PRACTICE

WINTER WHEAT

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Bushels			Bushels	
1972..........	1,662,600	26.9	44,738,000	101,400	22.1	2,239,000
1973..........	1,997,200	26.4	52,663,200	61,800	23.2	1,431,800
1974..........	2,491,800	29.6	73,752,400	136,300	24.3	3,315,500
1975..........	2,758,200	35.3	97,274,900	219,600	29.6	6,506,200
1976..........	2,907,900	32.1	93,410,100	150,100	26.7	4,009,900
1977..........	2,691,000	29.0	78,131,400	90,000	22.9	2,061,600
1978..........	2,592,000	31.1	80,500,000	94,000	26.0	2,444,000
1979..........	2,168,900	25.5	55,224,700	64,900	20.9	1,358,800
1980..........	2,079,500	25.3	52,611,600	47,500	19.4	923,200
1981..........	2,491,000	35.0	87,066,000	40,000	28.0	1,120,000
1982..........	2,035,000	38.2	77,664,600	72,000	30.0	2,160,400

HARD SPRING WHEAT

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Bushels			Bushels	
1972..........	1,632,000	26.0	42,380,000	112,000	21.5	2,406,000
1973..........	1,680,500	20.7	34,814,200	75,200	18.1	1,357,500
1974..........	1,722,200	18.8	32,309,100	173,700	15.6	2,711,500
1975..........	1,332,400	25.6	34,152,400	211,500	19.7	4,176,200
1976..........	1,739,300	29.6	51,448,000	211,700	22.6	4,788,000
1977..........	1,786,000	21.6	38,639,500	177,000	15.5	2,748,500
1978..........	1,658,000	28.9	47,929,100	138,000	22.0	3,034,000
1979..........	2,371,000	20.0	47,406,200	116,700	15.6	1,820,300
1980..........	2,351,200	21.6	50,732,000	120,600	19.5	2,351,400
1981..........	2,541,700	25.2	63,992,300	141,900	19.0	2,695,800
1982..........	2,602,200	31.3	81,527,100	211,800	29.0	6,141,000

DURUM WHEAT

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Bushels			Bushels	
1972..........	129,900	31.5	4,094,000	3,100	28.7	89,000
1973..........	176,600	22.0	3,892,700	4,500	17.7	79,700
1974..........	248,900	19.3	4,794,500	17,400	14.5	251,500
1975..........	337,000	27.3	9,186,400	34,000	22.3	757,400
1976..........	248,900	29.5	7,339,100	42,800	25.3	1,081,500
1977..........	198,900	22.2	4,411,800	17,500	16.7	292,300
1978..........	272,200	30.2	8,212,200	17,000	27.0	459,000
1979..........	301,300	21.1	6,358,700	23,100	19.0	439,300
1980..........	390,000	18.5	7,229,000	3,000	14.0	42,000
1981..........	456,000	23.1	10,511,200	20,000	17.2	344,800
1982..........	307,500	30.3	9,311,700	31,500	26.5	835,300

BARLEY

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Bushels			Bushels	
1972..........	1,342,000	37.1	49,833,800	260,000	30.1	7,814,200
1973..........	1,648,100	28.8	47,405,000	225,900	25.4	5,736,500
1974..........	894,600	28.2	25,211,700	216,000	25.0	5,391,300
1975..........	807,500	38.5	31,089,500	301,500	29.4	8,865,000
1976..........	665,000	44.5	29,571,500	294,000	33.8	9,928,500
1977..........	903,800	32.9	29,755,000	286,200	28.9	8,280,000
1978..........	850,000	39.7	33,769,700	275,500	34.1	9,387,300
1979..........	639,000	32.5	20,775,000	166,000	30.0	4,980,000
1980..........	708,500	38.5	27,250,500	152,500	34.9	5,320,500
1981..........	882,700	39.4	34,816,200	242,300	38.3	9,268,800
1982..........	845,600	48.1	40,645,000	524,200	42.4	22,219,900

CORN

Acreage, Production, Price, Total Value, Value Per Acre and Utilization

Year	TOTAL ACRES		FOR GRAIN			VALUE		FOR SILAGE			
				Production		Value			Production		
	Planted	Harvested	Acres Har- vested	Yield Per Acre	Total	Price Per Bu.	Value of Pro- duction	Acres Har- vested	Yield Per Acre	Total	GRAZING AND FORAGE
				Bushels		Dollars			Tons		Acres
1972..	80,000	79,000	6,000	78.0	468,000	1.48	693,000	68,000	16.5	1,122,000	5,000
1973..	92,000	90,000	11,000	73.0	803,000	2.61	2,096,000	73,000	17.0	1,241,000	6,000
1974..	95,000	92,000	13,000	65.0	845,000	3.43	2,898,000	73,000	16.0	1,168,000	6,000
1975..	86,000	84,000	10,000	73.0	730,000	2.78	2,029,000	68,000	17.0	1,156,000	6,000
1976..	86,000	84,000	11,000	75.0	825,000	2.45	2,021,000	68,000	16.0	1,088,000	5,000
1977..	90,000	86,000	11,000	68.0	748,000	2.27	1,698,000	70,000	17.0	1,190,000	5,000
1978..	88,000	85,000	10,000	72.0	720,000	2.25	1,620,000	71,000	21.0	1,491,000	4,000
1979..	85,000	82,000	10,000	77.0	770,000	2.40	1,848,000	68,000	16.0	1,088,000	4,000
1980..	85,000	82,000	8,000	74.0	592,000	3.60	2,131,200	70,000	17.5	1,225,000	4,000
1981..	86,000	84,000	10,000	85.0	850,000	3.28	2,788,000	71,000	17.0	1,207,000	3,000
1982..	80,000	79,000	14,000	100.0	1,400,000	2.35	3,290,000	63,000	17.5	1,103,000	2,000

POTATOES

Acreage, Production, Price, Total Value and Value Per Acre

Principally Irrigated

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt.	Price Per Cwt.	Value of Production	Value Per Acre
			Cwt.			Dollars	
1972..................	7,700	7,500	220	1,650,000	5.05	8,333,000	1,111.07
1973..................	7,000	6,800	215	1,462,000	10.80	15,790,000	2,322.06
1974..................	7,200	7,000	250	1,750,000	4.95	8,663,000	1,237.57
1975..................	7,700	7,600	230	1,748,000	6.60	11,537,000	1,518.03
1976..................	8,500	8,400	215	1,806,000	4.50	8,127,000	967.50
1977..................	8,500	8,400	240	2,016,000	4.75	9,576,000	1,140.00
1978..................	8,800	8,700	240	2,088,000	4.00	8,352,000	960.00
1979..................	7,500	7,500	240	1,800,000	4.40	7,920,000	1,056.00
1980..................	7,000	6,900	250	1,725,000	8.50	14,662,500	2,125.00
1981..................	7,500	7,400	235	1,739,000	8.00	13,912,000	1,880.00
1982..................	7,500	7,400	260	1,924,000	7.50	14,430,000	1,950.00

DRY BEANS

Acreage, Production, Price, Total Value and Value Per Acre

Principally Irrigated

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt.	Price Per Cwt.	Value of Production	Value Per Acre
			100-Lb. Bags (Cleaned)			Dollars	
1972..................	11,000	11,000	17.00	187,000	8.40	1,571,000	142.82
1973..................	9,000	9,000	18.00	162,000	20.00	3,240,000	360.00
1974..................	9,000	9,000	14.00	126,000	25.80	3,251,000	295.55
1975..................	12,000	11,000	16.00	176,000	13.30	2,341,000	212.82
1976..................	9,000	9,000	17.00	153,000	11.70	1,790,000	198.89
1977..................	6,700	6,500	16.00	104,000	18.80	1,955,000	300.77
1978..................	8,400	8,400	15.00	126,000	16.50	2,079,000	247.50
1979..................	10,000	9,700	18.00	175,000	25.00	4,375,000	451.03
1980..................	12,000	11,000	16.00	176,000	25.00	4,400,000	400.00
1981..................	14,000	13,000	16.80	218,000	16.50	3,597,000	276.69
1982..................	8,500	8,400	16.50	139,000	12.00	1,668,000	198.57

ALFALFA SEED [1]

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES	PRODUCTION		VALUE		
	Harvested	Yield Per Acre	Total	Price Per Cwt.	Value of Production	Value Per Acre
		Pounds (Cleaned)			Dollars	
1972............	12,000	80	960,000	41.70	400,000	33.33
1973............	30,000	105	3,150,000	94.00	2,961,000	98.70
1974............	30,000	90	2,700,000	61.00	1,647,000	54.90
1975............	12,000	85	1,020,000	53.00	541,000	45.08
1976............	24,000	100	2,400,000	93.50	2,244,000	93.50
1977............	39,000	90	3,510,000	105.00	3,686,000	94.51
1978............	26,000	85	2,210,000	100.00	2,210,000	85.00
1979............	42,000	140	5,880,000	85.00	4,998,000	119.00
1980............	35,000	120	4,200,000	90.00	3,780,000	108.00
1981............	34,000	135	4,590,000	75.00	3,443,000	101.25

Year	IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Pounds	(Cleaned)		Pounds	(Cleaned)
1972............	2,000	98	196,400	10,000	76	763,600
1973............	11,000	117	1,288,000	19,000	98	1,862,000
1974............	8,000	109	872,000	22,000	83	1,828,000
1975............	3,000	124	372,000	9,000	72	648,000
1976............	6,500	114	740,000	17,500	95	1,660,000
1977............	9,900	114	1,127,000	29,100	82	2,383,000
1978............	6,500	133	863,000	19,500	69	1,347,000
1979............	11,000	225	2,614,000	30,400	107	3,266,000
1980............	--	--	--	--	--	--
1981............	--	--	--	--	--	--

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[1] Estimates discontinued after 1981.

SWEET CHERRIES

Production, Price and Value

Year	PRODUCTION		VALUE	
	Production	Production Having Value	Average Price Per Ton	Value of Production
	Tons		Dollars	Thousand Dollars
1972............	1, 00	1,200	478.00	574
1973............	2,510	2,510	670.00	1,682
1974............	1,650	1,650	532.00	878
1975............	2,400	2,400	599.00	1,438
1976............	2,650	2,650	415.00	1,100
1977............	2,600	2,550	518.00	1,321
1978............	1,850	1,850	701.00	1,297
1979............	2,950	2,950	682.00	2,012
1980............	700	700	621.00	435
1981............	1,240	1,240	711.00	882
1982............	3,400	3,100	624.00	1,934

SUGARBEETS

Acreage, Production, Price, Total Value and Value Per Acre

All Irrigated

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total	Price Per Ton [1]	Value of Production [1]	Value per Acre [1]
			Tons			Dollars	
1972............	45,800	45,200	18.6	842,000	17.60	14,819,000	327.85
1973............	45,900	44,600	19.8	883,000	35.50	31,347,000	702.85
1974............	44,700	43,900	18.7	820,000	52.50	43,050,000	980.64
1975............	48,700	48,500	17.1	829,000	30.20	25,036,000	516.21
1976............	46,400	46,100	21.0	968,000	22.40	21,683,000	470.35
1977............	46,400	45,000	19.9	896,000	29.10	26,074,000	579.42
1978............	45,400	44,700	19.8	885,000	29.90	26,462,000	591.99
1979............	44,100	43,400	19.1	829,000	32.30	26,777,000	616.98
1980............	44,200	43,300	20.3	879,000	51.40	45,180,600	1,043.42
1981............	44,700	44,500	20.8	926,000	37.20 [2]	34,447,200	774.09
1982............	43,100	43,000	19.8	850,000			

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[1] Excludes Government payments.
[2] Preliminary.

ALL HAY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES	PRODUCTION		VALUE		
	Harvested	Yield Per Acre	Total	Price Per Ton Baled	Value of Production	Value Per Acre
		Tons		Dollars		
1972.........	2,420,000	1.75	4,227,000	32.00	135,264,000	55.89
1973.........	2,380,000	1.69	4,012,000	57.00	228,684,000	96.09
1974.........	2,320,000	1.74	4,047,000	45.50	184,139,000	79.37
1975.........	2,330,000	1.82	4,248,000	42.00	178,416,000	76.57
1976.........	2,210,000	1.80	3,978,000	47.50	188,955,000	85.50
1977.........	2,240,000	1.74	3,907,000	56.00	218,792,000	97.68
1978.........	2,420,000	1.89	4,576,000	44.00	201,344,000	83.20
1979.........	2,380,000	1.80	4,291,000	54.50	233,860,000	98.26
1980.........	2,200,000	1.90	4,170,000	62.50	260,625,000	118.47
1981.........	2,320,000	2.07	4,808,000	48.50	233,188,000	100.51
1982.........	2,450,000	2.08	5,105,000	52.50	268,013,000	109.39

Year	IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Tons			Tons	
1972.........	1,187,000	2.26	2,683,000	1,233,000	1.25	1,544,000
1973.........	1,329,000	2.13	2,835,000	1,051,000	1.12	1,177,000
1974.........	1,270,200	2.23	2,833,000	1,049,800	1.16	1,214,000
1975.........	1,240,800	2.21	2,742,000	1,089,200	1.38	1,506,000
1976.........	1,193,000	2.19	2,612,700	1,017,000	1.34	1,365,300
1977.........	1,114,200	2.27	2,527,400	1,125,800	1.23	1,379,600
1978.........	1,175,700	2.35	2,760,300	1,244,300	1.46	1,815,700
1979.........	1,188,100	2.41	2,862,300	1,191,900	1.20	1,428,700
1980.........	1,230,000	2.45	3,010,000	970,000	1.20	1,160,000
1981.........	1,245,000	2.62	3,261,500	1,075,000	1.44	1,546,500
1982.........	1,276,900	2.61	3,329,900	1,173,100	1.51	1,775,100

ALFALFA HAY

Acreage and Production

	TOTAL			IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Tons			Tons			Tons	
1972....	1,200,000	2.15	2,580,000	679,400	2.72	1,847,200	520,600	1.41	732,800
1973....	1,220,000	2.10	2,562,000	760,000	2.61	1,984,000	460,000	1.26	578,000
1974....	1,220,000	2.10	2,562,000	693,000	2.75	1,905,700	527,000	1.25	656,300
1975....	1,230,000	2.30	2,829,000	683,700	2.77	1,893,600	546,300	1.71	935,400
1976....	1,170,000	2.20	2,574,000	652,800	2.77	1,807,200	517,200	1.48	766,800
1977....	1,170,000	2.15	2,516,000	616,500	2.75	1,697,100	553,500	1.48	818,900
1978....	1,320,000	2.30	3,036,000	671,900	2.86	1,919,800	648,100	1.72	1,116,200
1979....	1,300,000	2.25	2,925,000	660,400	3.13	2,067,600	639,600	1.34	857,400
1980....	1,200,000	2.35	2,820,000	660,000	3.14	2,070,000	540,000	1.39	750,000
1981....	1,300,000	2.60	3,380,000	670,000	3.45	2,312,000	630,000	1.70	1,068,000
1982....	1,300,000	2.60	3,380,000	673,100	3.33	2,242,000	626,000	1.82	1,138,000

OTHER HAY 1/

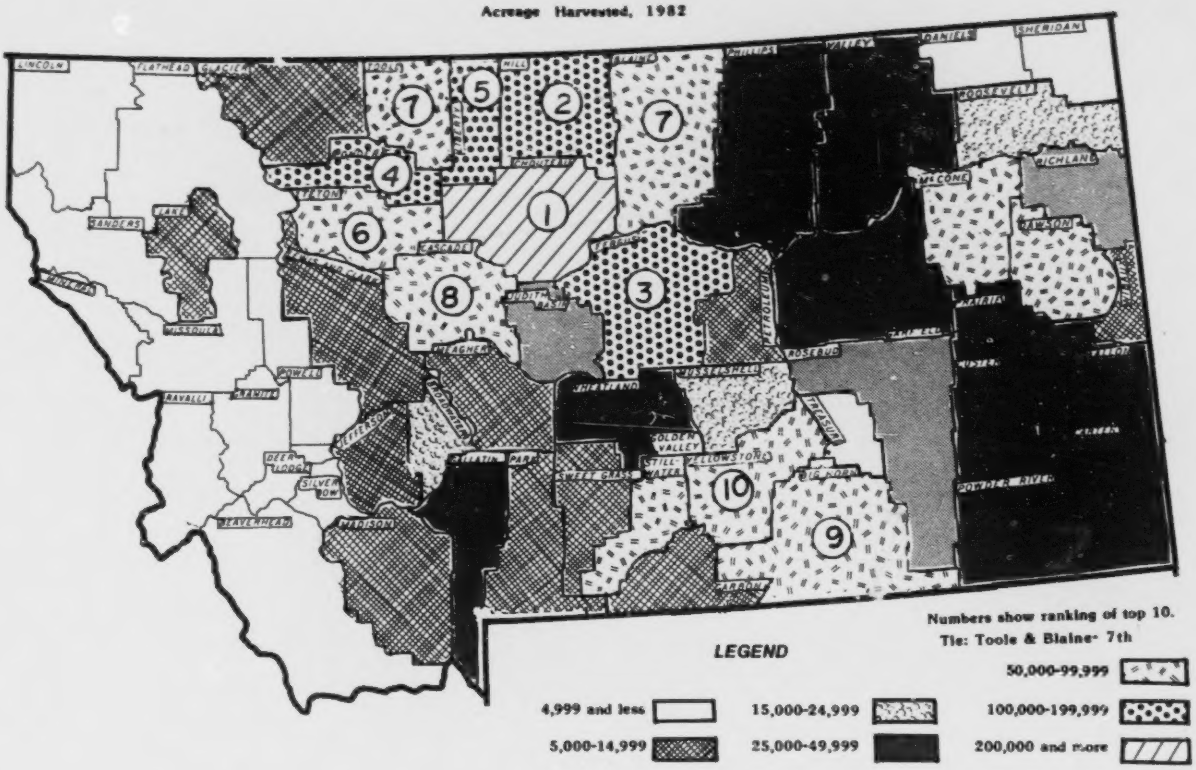
Acreage and Production

	WILD HAY			ALL OTHER HAY 1/		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Tons			Tons	
1972.......................................	590,000	1.20	708,000	630,000	1.49	939,000
1973.......................................	540,000	1.10	594,000	620,000	1.38	856,000
1974.......................................	510,000	1.26	643,000	590,000	1.43	842,000
1975.......................................	510,000	1.20	612,000	590,000	1.37	807,000
1976.......................................	540,000	1.21	654,000	500,000	1.50	750,000
1977.......................................	500,000	1.20	600,000	570,000	1.38	791,000
1978.......................................	560,000	1.30	728,000	540,000	1.50	812,000
1979.......................................	540,000	1.20	648,000	540,000	1.40	756,000
1980.......................................	425,000	1.00	425,000	575,000	1.61	925,000
1981.......................................	450,000	1.20	540,000	570,000	1.56	888,000
1982.......................................	600,000	1.35	810,000	550,000	1.66	915,000

1/ Includes clover-timothy, grain and other hay.

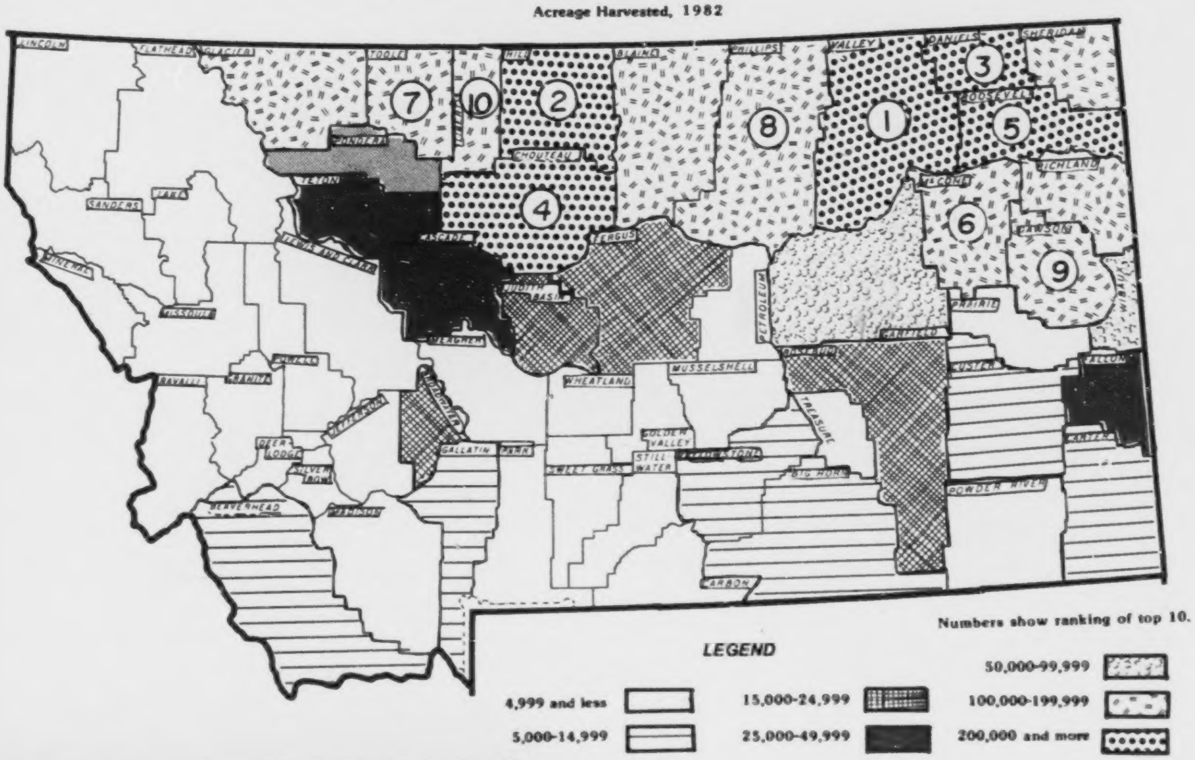
WINTER WHEAT

Acreage Harvested, 1982


LINCOLN
FLATHEAD
GLACIER
TOOLE
HILL
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
CHOUTEAU
McCONE
RICHLAND
TETON
DAWSON
SANDERS
LAKE
CASCADE
FERGUS
JUDITH BASIN
PETROLEUM
PRAIRIE
MINERAL
MISSOULA
LEWIS AND CLARK
GARFIELD
WIBAUX
MEAGHER
ROSEBUD
FALLON
POWELL
MUSSELSHELL
CUSTER
RAVALLI
GRANITE
WHEATLAND
TREASURE
CARTER
BROADWATER
JEFFERSON
GOLDEN VALLEY
DEER LODGE
STILLWATER
YELLOWSTONE
SILVER BOW
GALLATIN
PARK
SWEET GRASS
BIG HORN
POWDER RIVER
BEAVERHEAD
MADISON
CARBON
1
2
3
4
5
6
7
7
8
9
10
Numbers show ranking of top 10.
Tie: Toole & Blaine- 7th
LEGEND
4,999 and less
5,000-14,999
15,000-24,999
25,000-49,999
50,000-99,999
100,000-199,999
200,000 and more

SPRING WHEAT, EXCLUDING DURUM

Acreage Harvested, 1982


LINCOLN
FLATHEAD
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SHERIDAN
ROOSEVELT
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TETON
CHOUTEAU
McCONE
RICHLAND
SANDERS
LAKE
CASCADE
FERGUS
DAWSON
MINERAL
LEWIS AND CLARK
JUDITH BASIN
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ROSEBUD
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FALLON
POWELL
MUSSELSHELL
RAVALLI
GRANITE
WHEATLAND
TREASURE
BROADWATER
JEFFERSON
GOLDEN VALLEY
CARTER
DEER LODGE
GALLATIN
PARK
STILL WATER
YELLOWSTONE
SILVER BOW
SWEET GRASS
BIG HORN
POWDER RIVER
BEAVERHEAD
MADISON
CARBON
1
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7
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9
10
Numbers show ranking of top 10.
LEGEND
4,999 and less
5,000-14,999
15,000-24,999
25,000-49,999
50,000-99,999
100,000-199,999
200,000 and more

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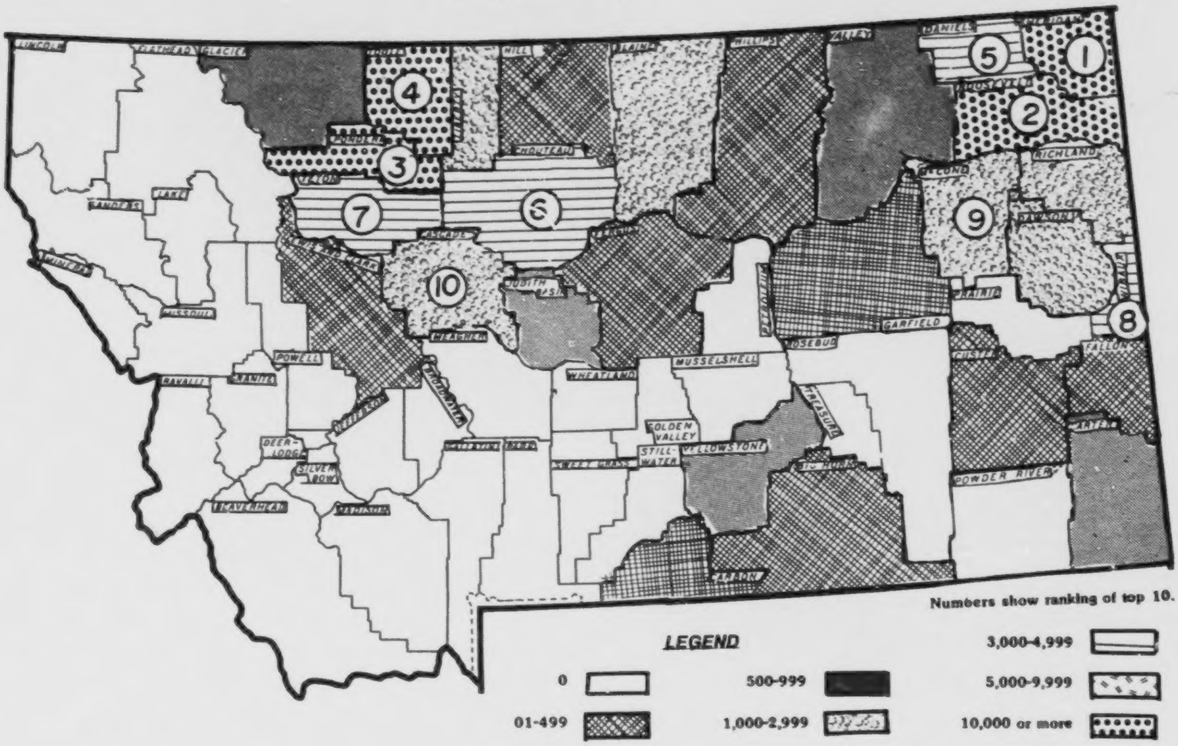
DURUM WHEAT

Acreage Harvested, 1982


LINCOLN
FLATHEAD
GLACIER
TOOLE
HILL
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
PONDERA
TETON
CHOUTEAU
RICHLAND
MCCONE
DAWSON
SANDERS
LAKE
MINERAL
MISSOULA
CASCADE
LEWIS AND CLARK
JUDITH BASIN
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PARK
SWEET GRASS
STILLWATER
YELLOWSTONE
BIG HORN
POWDER RIVER
BEAVERHEAD
MADISON
CARBON
1
2
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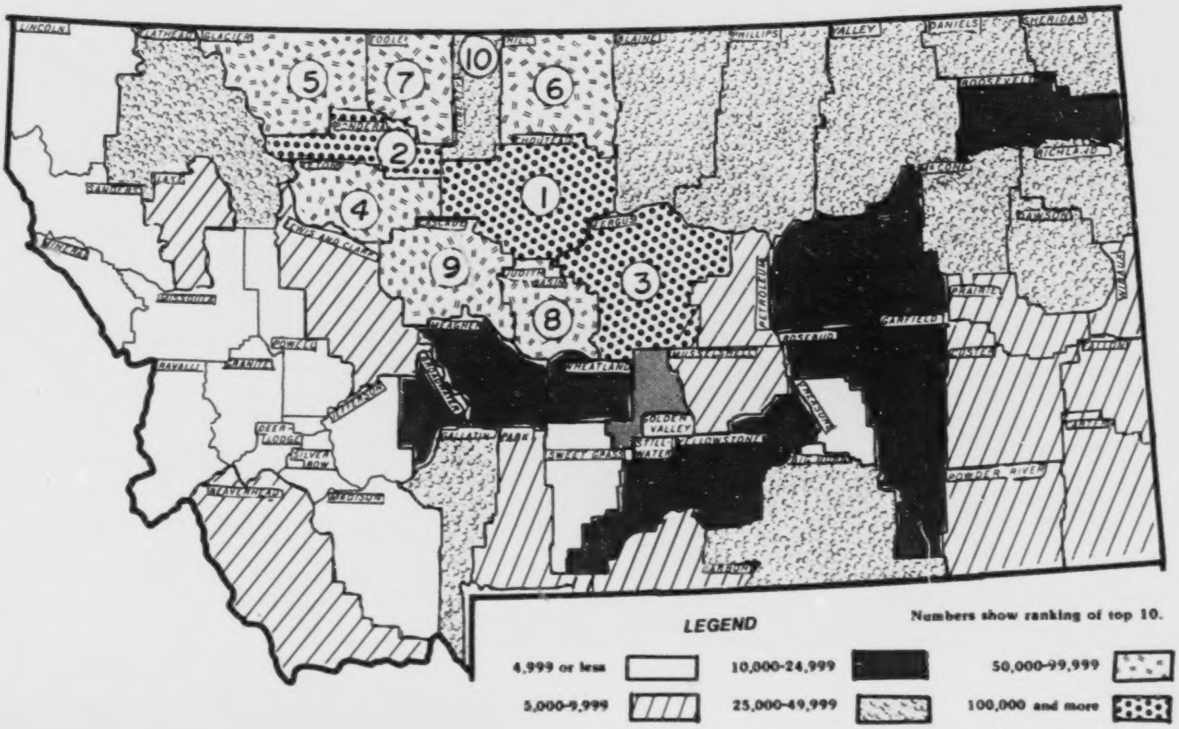
6
7
8
9
10
LEGEND
0
01-499
500-999
1,000-2,999
3,000-4,999
5,000-9,999
10,000 or more

Numbers show ranking of top 10.

BARLEY

Acreage Harvested, 1982


LINCOLN
FLATHEAD
GLACIER
TOOLE
HILL
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
PONDERA
CHOUTEAU
RICHLAND
MCCONE
DAWSON
SANDERS
LAKE
MINERAL
MISSOULA
CASCADE
LEWIS AND CLARK
FERGUS
JUDITH BASIN
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GALLATIN
PARK
SWEET GRASS
STILLWATER
YELLOWSTONE
BIG HORN
POWDER RIVER
BEAVERHEAD
MADISON
CARBON
1
2
3
4
5
6
7
8
9
10
LEGEND
4,999 or less
5,000-9,999
10,000-24,999
25,000-49,999
50,000-99,999
100,000 and more

Numbers show ranking of top 10.

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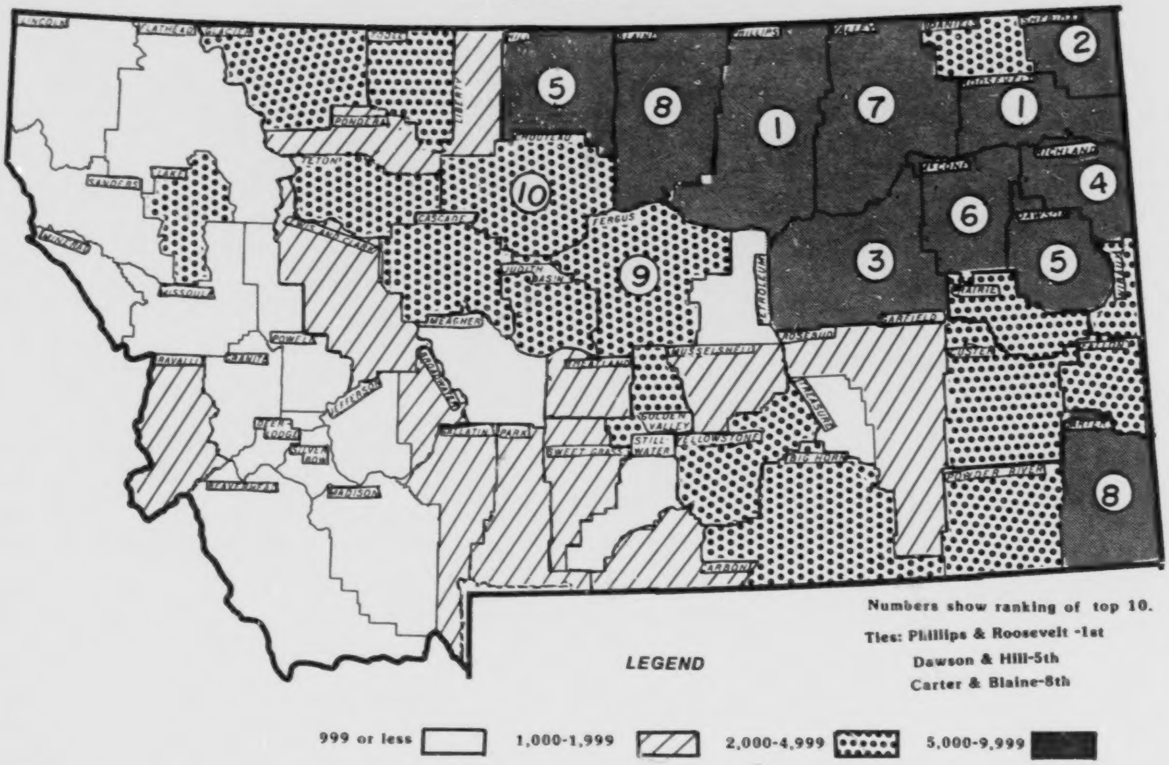
OATS

Acreage Harvested 1982


LEGEND
999 or less ☐
1,000-1,999 ▨
2,000-4,999 ░
5,000-9,999 ■

Numbers show ranking of top 10.

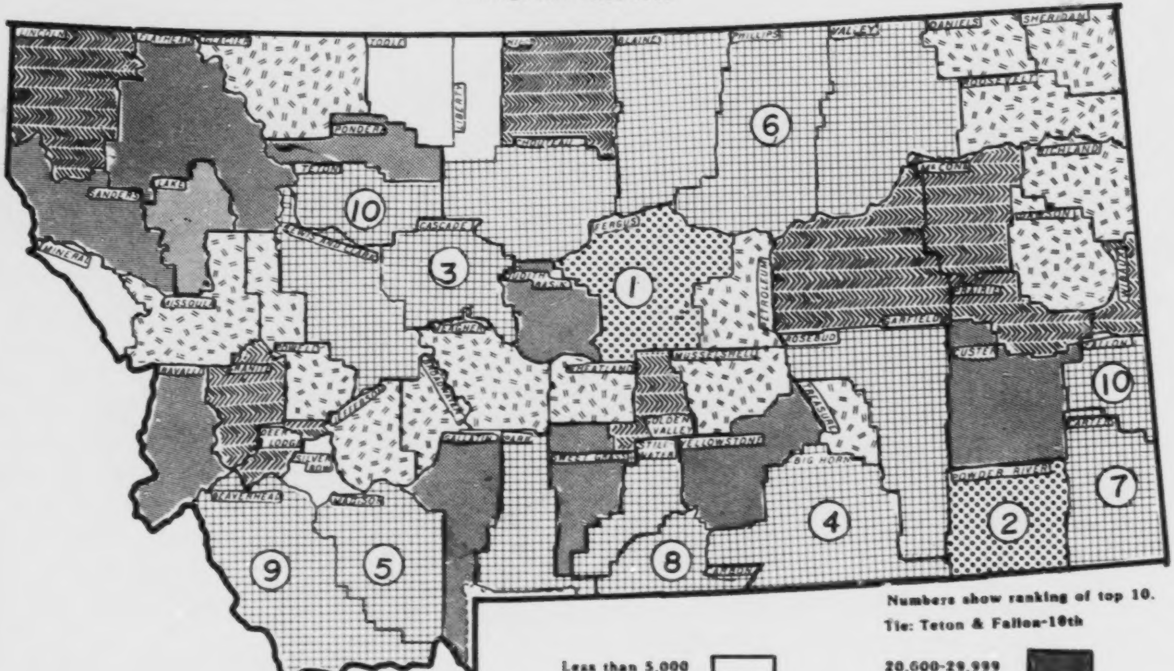
Ties: Phillips & Roosevelt -1st

Dawson & Hill-5th

Carter & Blaine-8th

ALFALFA HAY

Acreage Harvested 1982


Less than 5,000 ☐
5,000-9,999 ▨
10,000-19,999 ░
20,000-29,999 ■
30,000-49,999 ▦
50,000 or More ▩

Numbers show ranking of top 10.

Tie: Teton & Fallon-10th

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PRICES RECEIVED BY MONTANA FARMERS

Selected Commodities by Months, 1979 - 1983

Crop and Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Avg.
ALL WHEAT													
1979.....	2.76	2.78	2.82	2.82	2.84	3.11	3.32	3.43	3.67	3.80	3.74	3.70	3.23
1980.....	3.63	3.71	3.64	3.66	3.66	3.80	4.11	4.00	4.12	4.24	4.47	4.40	3.96
1981.....	4.31	4.46	4.30	4.41	4.27	4.16	3.72	3.59	3.55	3.65	3.80	3.75	4.00
1982.....	3.81	3.76	3.72	3.80	3.73	3.64	3.60	3.44	3.46	3.45	3.50	3.55	3.62
1983.....	3.57	3.57	3.66	3.77	3.77	3.48							
WINTER WHEAT													
1979.....	2.76	2.73	2.80	2.81	2.81	3.09	3.34	3.41	3.62	3.66	3.73	3.74	3.21
1980.....	3.64	3.72	3.41	3.47	3.54	3.54	3.73	3.62	3.74	3.93	4.14	4.10	3.72
1981.....	4.13	4.22	4.13	4.12	4.08	3.99	3.63	3.52	3.57	3.67	3.85	3.73	3.89
1982.....	3.74	3.63	3.69	3.65	3.65	3.44	3.41	3.39	3.44	3.50	3.52	3.54	3.24
1983.....	3.60	3.64	3.71	3.71	3.63	3.40							
SPRING WHEAT EXCLUDING DURUM													
1979.....	2.74	2.85	2.82	2.79	2.86	3.14	3.27	3.43	3.64	3.74	3.64	3.61	3.21
1980.....	3.58	3.67	3.66	3.72	3.71	3.77	3.99	4.06	4.17	4.31	4.34	4.28	3.94
1981.....	4.28	4.27	4.35	4.51	4.38	4.29	3.81	3.72	3.54	3.63	3.75	3.78	4.03
1982.....	3.88	3.87	3.75	3.90	3.81	3.79	3.69	3.49	3.48	3.42	3.48	3.57	3.67
1983.....	3.45	3.41	3.61	3.82	3.86	3.80							
BARLEY													
1979.....	1.69	1.63	1.68	1.70	1.76	1.76	1.88	1.98	2.17	2.27	2.01	2.32	1.90
1980.....	2.16	2.07	2.03	2.12	2.11	2.14	2.26	2.39	2.42	2.60	2.71	2.83	2.32
1981.....	2.91	2.91	2.94	2.91	2.96	2.97	2.88	2.19	2.25	2.19	2.21	2.42	2.65
1982.....	2.38	2.25	2.27	2.28	2.38	2.34	2.16	2.12	1.88	1.70	1.79	2.11	2.13
1983.....	2.16	2.00	2.03	2.20	2.27	2.47							
ALL HAY													
1979.....	46.00	47.50	47.50	46.50	45.50	49.50	50.50	55.50	55.50	56.50	56.50	58.50	51.29
1980.....	54.50	53.00	55.00	56.50	55.00	60.00	65.00	66.50	65.00	67.00	67.50	64.50	60.89
1981.....	60.00	60.00	55.00	53.00	50.00	55.00	51.00	52.00	54.00	54.00	48.00	45.00	53.09
1982.....	47.00	48.00	46.00	45.00	44.00	47.00	45.00	48.00	50.00	55.00	55.00	58.00	48.33
1983.....	70.10	74.60	70.50	75.30	83.30	75.90							
BEEF CATTLE													
1979.....	61.20	63.90	71.70	76.00	74.00	62.90	61.40	60.30	74.10	70.10	62.90	60.60	66.59
1980.....	60.30	65.00	63.10	54.50	52.80	54.60	53.90	61.50	63.60	62.00	55.40	50.20	58.08
1981.....	55.20	57.00	55.30	57.70	52.70	51.70	49.00	48.80	54.00	51.40	48.00	43.00	51.99
1982.....	44.10	48.90	52.90	51.60	50.70	46.00	45.20	53.50	54.00	49.30	45.20	41.90	48.61
1983.....	54.30	57.10	59.70	61.00	59.80	58.80							
STEERS & HEIFERS													
1979.....	69.50	69.60	76.30	80.40	79.60	72.80	72.90	64.80	77.00	74.00	72.00	73.00	73.49
1980.....	72.60	76.50	71.20	63.10	61.80	64.10	65.60	68.50	67.90	67.70	69.00	66.40	67.87
1981.....	65.70	67.20	62.00	65.40	60.20	61.40	60.20	61.40	58.80	60.30	58.00	58.80	60.94
1982.....	55.50	57.80	60.60	60.40	60.60	58.60	57.90	60.60	60.00	57.80	57.80	57.80	58.78
1983.....	59.00	60.80	63.10	64.80	63.50	62.60							
COWS													
1979.....	48.20	51.80	56.30	57.60	58.40	53.40	51.70	46.60	50.00	48.00	45.00	47.00	51.17
1980.....	48.00	50.30	51.80	42.90	41.50	44.30	43.90	45.90	46.40	44.90	42.80	42.30	45.42
1981.....	44.70	46.40	43.90	42.80	41.10	43.20	42.40	42.60	40.10	37.30	34.70	34.20	41.12
1982.....	36.70	37.20	41.70	39.30	42.60	40.90	41.40	40.40	39.10	36.90	33.00	32.10	38.45
1983.....	37.00	41.40	42.70	42.40	41.90	41.60							
CALVES													
1979.....	86.70	91.10	94.20	97.80	96.50	90.90	87.90	77.00	92.00	92.00	88.00	87.00	90.09
1980.....	85.00	90.00	82.80	72.60	70.00	73.80	73.90	73.30	77.90	77.70	75.20	71.70	77.00
1981.....	71.70	71.00	68.20	69.60	64.50	63.40	61.50	63.20	62.20	58.40	58.60	56.30	64.05
1982.....	56.50	59.80	61.10	61.70	63.20	62.90	61.00	61.10	60.20	62.30	60.50	58.00	60.70
1983.....	62.40	66.50	68.40	66.60	66.10	65.20							
LAMBS													
1979.....	82.00	82.00	70.00	72.00	71.00	65.00	65.00	65.00	68.00	67.10	64.10	69.50	70.06
1980.....	66.20	61.30	65.80	57.30	55.60	56.80	67.50	64.30	63.70	61.00	58.40	56.60	61.21
1981.....	52.20	56.80	52.20	50.40	53.30	56.80	57.90	50.70	46.20	45.80	44.40	45.90	51.02
1982.....	47.80	50.10	57.20	54.80	56.60	52.80	52.80	50.10	48.80	46.20	46.40	48.40	51.00
1983.....	55.50	60.30	63.20	61.50	59.60	56.70							
HOGS													
1979.....	50.70	50.00	49.10	43.70	42.40	39.00	38.50	35.00	35.60	34.10	31.90	34.40	40.37
1980.....	35.00	35.90	34.00	27.30	26.60	31.90	39.90	45.70	44.60	45.90	43.20	41.10	37.61
1981.....	38.90	42.40	39.50	38.20	39.30	43.70	43.40	46.30	44.10	43.00	37.90	37.20	41.16
1982.....	41.40	48.50	46.20	48.90	53.40	58.40	57.90	61.30	61.40	55.90	52.50	53.60	53.28
1983.....	55.30	56.10	50.40	46.90	45.90	44.50							

ALL WHEAT - 1981

Acreage, Yield and Production by Counties

	ACRES					
COUNTY & DISTRICT	Gross Seeded	Re-Seeded [1]	Net Seeded	Harvested for Grain	YIELD PER ACRE	PRO-DUCTION
					--------Bushels--------	
Deer Lodge.......	500	--	500	500	30.4	15,200
Flathead.........	11,200	100	11,100	10,300	49.6	511,100
Granite..........	200	--	200	200	19.0	3,800
Lake.............	14,000	200	13,800	13,400	47.9	641,900
Lincoln..........	100	--	100	100	50.0	5,000
Mineral..........	500	--	500	500	39.2	19,600
Missoula.........	1,700	--	1,700	1,600	43.1	69,000
Powell...........	1,400	--	1,400	1,400	38.5	53,900
Ravalli..........	3,600	--	3,600	3,200	40.8	130,600
Sanders..........	3,000	--	3,000	2,700	42.7	115,400
N. WEST	36,200	300	35,900	33,900	46.2	1,565,500
Blaine...........	204,000	400	203,600	200,400	29.4	5,893,800
Choteau..........	494,600	2,700	491,900	483,700	36.7	17,754,700
Glacier..........	126,600	--	126,600	122,800	35.5	4,358,500
Hill.............	578,800	400	578,400	567,500	33.5	19,039,200
Liberty..........	271,500	1,500	270,000	267,000	33.9	9,041,300
Phillips.........	157,900	400	157,500	154,300	22.8	3,525,100
Pondera..........	206,900	900	206,000	199,600	39.1	7,800,800
Teton............	146,000	400	145,600	143,500	41.4	5,944,000
Toole............	297,000	500	296,500	292,900	34.2	10,015,400
N. CENTRAL	2,483,300	7,200	2,476,100	2,431,700	34.3	83,372,800
Daniels.........	266,000	--	266,000	264,400	16.9	4,480,600
Dawson..........	189,900	1,800	188,100	178,100	25.5	4,549,200
Garfield........	122,700	900	121,800	112,600	18.2	2,051,300
McCone..........	264,200	2,000	262,200	238,800	23.8	5,674,300
Richland........	195,500	4,000	191,500	180,500	26.5	4,774,500
Roosevelt.......	373,800	200	373,600	368,800	20.9	7,699,600
Sheridan........	326,700	--	326,700	321,900	22.6	7,264,200
Valley..........	335,800	200	335,600	328,600	18.8	6,166,500
N. EAST	2,074,600	9,100	2,065,500	1,993,700	21.4	42,660,200
Broadwater......	52,500	--	52,500	51,800	41.6	2,156,600
Cascade.........	156,700	2,000	154,700	151,900	38.2	5,808,200
Fergus..........	154,900	3,500	151,400	136,600	33.0	4,505,200
Golden Valley...	35,100	400	34,700	32,100	34.7	1,113,100
Judith Basin....	74,300	200	74,100	71,500	32.7	2,341,100
Lewis & Clark...	15,400	--	15,400	15,000	35.4	531,400
Meagher.........	9,100	--	9,100	8,800	36.3	319,400
Musselshell.....	30,200	200	30,000	28,900	33.3	962,200
Petroleum.......	9,000	--	9,000	8,600	35.1	302,100
Wheatland.......	33,100	100	33,000	32,400	31.9	1,033,100
CENTRAL	570,300	6,400	563,900	537,600	35.5	19,072,400
Beaverhead......	15,200	--	15,200	15,000	51.4	770,500
Gallatin........	51,500	600	50,900	47,900	43.1	2,064,000
Jefferson.......	8,500	--	8,500	8,300	31.2	258,800
Madison.........	10,800	--	10,800	10,500	40.6	426,000
S. WEST	86,000	600	85,400	81,700	43.1	3,519,300
Big Horn.......	119,900	1,000	118,900	116,800	35.2	4,111,500
Carbon.........	21,300	100	21,200	20,900	40.2	840,700
Park...........	17,900	400	17,500	15,900	27.4	436,400
Stillwater.....	65,000	300	64,700	63,500	35.7	2,266,900
Sweet Grass....	10,700	--	10,700	10,500	34.6	363,000
Treasure.......	7,700	--	7,700	7,500	40.5	303,900
Yellowstone....	115,100	1,000	114,100	112,000	37.6	4,213,700
S. CENTRAL	357,600	2,800	354,800	347,100	36.1	12,536,100
Carter.........	55,200	1,500	53,700	44,800	18.1	812,300
Custer.........	57,200	200	57,000	54,400	27.8	1,511,800
Fallon.........	84,400	1,200	83,200	73,500	19.8	1,455,700
Powder River...	34,800	200	34,600	33,300	28.8	959,500
Prairie........	49,400	500	48,900	47,400	29.8	1,414,800
Rosebud........	72,600	800	71,800	68,600	32.2	2,208,000
Wibaux.........	78,400	1,200	77,200	72,300	24.1	1,741,600
S. EAST	432,000	5,600	426,400	394,300	25.6	10,103,700
STATE	6,040,000	32,000	6,008,000	5,820,000	29.7	172,830,000

[1] Winter Wheat reseeded to spring wheat

ALL WHEAT - 1982

Acreage, Yield and Production by Counties

COUNTY & DISTRICT	ACRES				YIELD PER ACRE	PRODUCTION
	Gross Seeded	Re-Seeded 1/	Net Seeded	Harvested for Grain	--------Bushels--------	
Deer Lodge.......	300	0	300	300	30.0	9,000
Flathead.........	8,000	100	7,900	7,300	49.9	364,200
Granite..........	300	0	300	300	25.0	7,500
Lake.............	10,000	100	9,900	8,900	49.6	441,000
Lincoln..........	0	0	0	0	.0	0
Mineral..........	200	0	200	200	45.0	9,000
Missoula.........	1,300	0	1,300	1,300	33.1	43,000
Powell...........	600	0	600	600	30.8	18,500
Ravalli..........	2,400	0	2,400	2,200	41.7	91,800
Sanders..........	1,900	0	1,900	1,700	34.1	58,000
N. WEST	25,000	200	24,800	22,800	45.7	1,042,000
Blaine...........	211,500	2,000	209,500	200,300	34.9	6,993,500
Choteau..........	528,500	4,400	524,100	488,400	43.9	21,446,500
Glacier..........	133,000	300	132,700	128,900	33.5	4,322,000
Hill.............	500,500	9,500	491,000	465,400	37.0	17,235,000
Liberty..........	239,500	6,800	232,700	225,300	36.9	8,307,000
Phillips.........	175,100	3,200	171,900	166,600	34.3	5,715,500
Pondera..........	200,000	1,400	198,600	182,300	46.5	8,473,000
Teton............	148,400	1,500	146,900	129,400	46.4	6,007,400
Toole............	263,500	1,100	262,400	247,500	32.0	7,918,100
N. CENTRAL	2,400,000	30,200	2,369,800	2,234,100	38.7	86,418,000
Daniels..........	257,000	0	257,000	251,600	25.4	6,398,100
Dawson...........	196,000	2,200	193,800	181,000	30.0	5,431,500
Garfield.........	106,200	400	105,800	99,700	28.3	2,824,000
McCone...........	247,300	1,600	245,700	235,200	28.7	6,739,000
Richland.........	176,500	3,400	173,100	166,600	30.6	5,093,000
Roosevelt........	310,000	300	309,700	301,600	29.1	8,777,500
Sheridan.........	334,500	0	334,500	328,200	29.4	9,645,400
Valley...........	338,500	200	338,300	328,600	30.0	9,874,000
N. EAST	1,966,000	8,100	1,957,900	1,892,500	28.9	54,782,500
Broadwater......	45,000	200	44,800	41,300	42.3	1,749,000
Cascade.........	151,500	900	150,600	139,300	39.4	5,488,200
Fergus..........	160,300	1,400	158,900	145,300	36.2	5,254,000
Golden Valley...	41,500	400	41,100	36,400	36.5	1,330,000
Judith Basin....	74,800	500	74,300	65,100	30.7	1,997,200
Lewis & Clark...	14,400	100	14,300	13,200	36.8	486,000
Meagher.........	7,500	0	7,500	6,600	35.8	236,500
Musselshell.....	24,000	200	23,800	21,900	32.7	716,100
Petroleum.......	11,000	100	10,900	9,900	32.7	324,000
Wheatland.......	33,000	300	32,700	29,900	31.7	947,500
CENTRAL	563,000	4,100	558,900	508,900	36.4	18,528,500
Beaverhead......	13,500	100	13,400	12,300	48.8	600,000
Gallatin........	43,500	500	43,000	40,600	46.1	1,872,500
Jefferson.......	7,500	100	7,400	7,000	33.0	230,700
Madison.........	10,500	0	10,500	9,800	47.3	463,800
S. WEST	75,000	700	74,300	69,700	45.4	3,167,000
Big Horn.......	110,400	1,500	108,900	96,600	34.6	3,344,000
Carbon.........	19,100	200	18,900	17,000	34.3	582,500
Park...........	13,000	100	12,900	11,700	36.8	431,000
Stillwater.....	63,000	600	62,400	53,000	32.3	1,714,500
Sweet Grass....	7,500	0	7,500	6,500	28.3	184,000
Treasure.......	7,000	0	7,000	6,000	37.7	226,000
Yellowstone....	101,000	700	100,300	88,000	32.9	2,898,000
S. CENTRAL	321,000	3,100	317,900	278,800	33.6	9,380,000
Carter.........	49,900	1,500	48,400	41,700	30.2	1,258,900
Custer.........	57,500	300	57,200	50,400	29.2	1,473,200
Fallon.........	80,300	1,300	79,000	73,300	26.7	1,957,000
Powder River...	35,000	500	34,500	30,900	30.8	952,200
Prairie........	43,000	800	42,200	35,200	31.5	1,107,200
Rosebud........	65,000	1,800	63,200	55,300	29.5	1,629,500
Wibaux.........	69,300	400	68,900	66,400	28.1	1,864,000
S. EAST	400,000	6,600	393,400	353,200	29.0	10,242,000
STATE	5,750,000	53,000	5,697,000	5,360,000	34.2	183,560,000

1/ Winter Wheat reseeded to spring wheat

WINTER WHEAT - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge.......	--	--	--	--	--	--	--	--
Flathead.........	7,200	6,400	53.7	343,700	900	66.0	5,500	51.7
Granite..........	--	--	--	--	--	--	--	--
Lake.............	10,000	9,500	51.7	491,200	900	64.0	8,600	50.4
Lincoln..........	--	--	--	--	--	--	--	--
Mineral..........	300	300	43.0	12,900	--	--	300	43.0
Missoula.........	1,000	900	48.0	43,200	--	--	900	48.0
Powell...........	600	600	41.8	25,100	100	56.0	500	39.0
Ravalli..........	2,400	2,100	40.9	85,900	200	59.0	1,900	39.0
Sanders..........	2,500	2,200	45.0	99,100	--	--	2,200	45.0
N. WEST	24,000	22,000	50.1	1,101,100	2,100	64.0	19,900	48.6
Blaine...........	9,600	9,400	32.9	3,091,300	300	44.0	93,700	32.9
Choteau..........	300,000	291,000	39.7	11,544,900	100	53.0	290,900	39.7
Glacier..........	16,000	15,500	37.0	573,500	--	--	15,500	37.0
Hill.............	263,000	255,000	36.0	9,169,000	--	--	255,000	36.0
Liberty..........	114,000	111,000	38.0	4,212,500	--	--	111,000	38.0
Phillips.........	39,000	38,000	25.0	948,200	--	--	38,000	25.0
Pondera..........	119,000	114,000	42.0	4,785,200	700	54.0	113,300	41.9
Teton............	101,000	99,000	43.5	4,307,100	4,200	56.0	94,800	43.0
Toole............	119,000	116,500	38.0	4,421,500	--	--	116,500	38.0
N. CENTRAL	1,167,000	1,134,000	38.0	43,053,200	5,300	55.0	1,128,700	37.9
Daniels..........	400	400	25.0	10,000	--	--	400	25.0
Dawson...........	102,000	95,000	28.0	2,658,800	--	--	95,000	28.0
Garfield.........	43,100	36,000	22.0	792,500	100	36.0	35,900	22.0
McCone...........	131,000	112,000	26.0	2,911,700	--	--	112,000	26.0
Richland.........	79,500	70,000	26.0	1,819,400	--	--	70,000	26.0
Roosevelt........	19,300	18,000	25.9	466,400	--	--	18,000	25.9
Sheridan.........	3,300	3,200	26.8	85,900	--	--	3,200	26.8
Valley...........	27,400	26,400	23.9	631,700	100	40.0	26,300	23.9
N. EAST	406,000	361,000	26.0	9,376,400	200	38.0	360,800	26.0
Broadwater.......	28,300	27,900	38.8	1,083,500	400	56.0	27,500	38.6
Cascade..........	95,000	91,000	41.2	3,752,000	400	55.0	90,600	41.2
Fergus...........	131,000	115,000	34.8	3,998,400	--	--	115,000	34.8
Golden Valley....	34,000	31,000	35.0	1,084,000	--	--	31,000	35.0
Judith Basin.....	60,000	58,000	34.9	2,026,000	--	--	58,000	34.9
Lewis & Clark....	11,500	11,200	38.1	427,200	100	54.0	11,100	38.0
Meagher..........	8,600	8,300	37.0	307,100	--	--	8,300	37.0
Musselshell......	25,000	24,000	36.0	864,400	200	48.0	23,800	35.9
Petroleum........	8,000	7,600	36.9	280,100	--	--	7,600	36.9
Wheatland........	27,600	27,000	34.9	941,800	--	--	27,000	34.9
CENTRAL	429,000	401,000	36.8	14,764,500	1,100	54.0	399,900	36.8
Beaverhead.......	5,400	5,300	33.9	179,800	400	63.0	4,900	31.6
Gallatin.........	39,600	36,100	37.6	1,358,200	5,000	62.0	31,100	33.7
Jefferson........	7,200	7,000	31.0	217,000	--	--	7,000	31.0
Madison..........	6,800	6,600	31.9	210,400	200	60.0	6,400	31.0
S. WEST	59,000	55,000	35.7	1,965,400	5,600	62.0	49,400	32.8
Big Horn.........	113,000	110,000	35.0	3,853,300	900	46.0	109,100	34.9
Carbon...........	17,000	16,700	38.0	634,400	100	48.0	16,600	37.9
Park.............	16,000	14,000	27.5	385,000	400	46.0	13,600	27.0
Stillwater.......	63,000	61,600	36.0	2,216,600	100	53.0	61,500	36.0
Sweet Grass......	10,000	9,800	35.0	343,400	400	50.0	9,400	34.4
Treasure.........	6,000	5,900	36.9	217,700	100	51.0	5,800	36.7
Yellowstone......	108,000	105,000	37.8	3,966,400	1,000	49.0	104,000	37.7
S. CENTRAL	333,000	323,000	36.0	11,616,800	3,000	48.0	320,000	35.9
Carter...........	45,000	35,100	19.0	666,900	--	--	35,100	19.0
Custer...........	45,000	42,800	30.1	1,289,200	500	46.0	42,300	29.9
Fallon...........	38,000	31,000	24.0	742,800	100	42.0	30,900	23.9
Powder River.....	32,000	30,700	29.8	914,800	300	44.0	30,400	29.7
Prairie..........	47,000	45,100	30.1	1,357,800	500	48.0	44,600	29.9
Rosebud..........	57,000	53,600	36.1	1,932,400	200	50.0	53,400	36.0
Wibaux...........	18,000	15,700	29.9	468,700	100	55.0	15,600	29.7
S. EAST	282,000	254,000	29.0	7,372,600	1,700	47.0	252,300	28.9
STATE	2,700,000	2,550,000	35.0	89,250,000	19,000	56.0	2,531,000	34.8

WINTER WHEAT - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre Bu.	Acres Harvested	Yield per Acre Bu.
				Bushels				
Deer Lodge.......	0	0	.0	0	0	.0	0	.0
Flathead.........	5,000	4,400	53.2	234,000	700	70.0	3,700	50.0
Granite..........	0	0	.0	0	0	.0	0	.0
Lake.............	6,300	5,300	47.9	254,000	800	70.0	4,500	44.0
Lincoln..........	0	0	.0	0	0	.0	0	.0
Mineral..........	100	100	40.0	4,000	0	.0	100	40.0
Missoula.........	500	500	38.0	19,000	0	.0	500	38.0
Powell...........	100	100	30.0	3,000	0	.0	100	30.0
Ravalli..........	1,400	1,200	40.0	48,000	0	.0	1,200	40.0
Sanders..........	1,600	1,400	35.0	49,000	0	.0	1,400	35.0
N. WEST	15,000	13,000	47.0	611,000	1,500	70.0	11,500	44.0
Blaine...........	100,000	90,000	38.0	3,420,000	0	.0	90,000	38.0
Chouteau.........	290,000	251,200	46.7	11,723,000	200	75.0	251,000	46.6
Glacier..........	17,000	14,000	36.0	504,000	0	.0	14,000	36.0
Hill.............	220,000	190,000	40.0	7,600,000	0	.0	190,000	40.0
Liberty..........	113,000	100,000	40.0	4,000,000	0	.0	100,000	40.0
Phillips.........	45,000	40,000	35.0	1,400,000	0	.0	40,000	35.0
Pondera..........	120,000	104,800	48.5	5,084,000	800	50.0	104,000	48.5
Teton............	110,000	93,000	47.2	4,387,000	2,000	55.0	91,000	47.0
Toole............	105,000	90,000	38.0	3,420,000	0	.0	90,000	38.0
N. CENTRAL	1,120,000	973,000	42.7	41,538,000	3,000	55.0	970,000	42.7
Daniels..........	2,000	1,800	25.0	45,000	0	.0	1,800	25.0
Dawson...........	65,000	55,000	32.5	1,787,500	0	.0	55,000	32.5
Garfield.........	46,000	40,000	28.0	1,120,000	0	.0	40,000	28.0
McCone...........	90,000	80,000	30.0	2,400,000	0	.0	80,000	30.0
Richland.........	55,000	47,000	32.0	1,504,000	0	.0	47,000	32.0
Roosevelt........	20,000	17,700	30.0	531,000	0	.0	17,700	30.0
Sheridan.........	4,000	3,500	25.0	87,500	0	.0	3,500	25.0
Valley...........	28,000	25,100	25.1	629,000	100	40.0	25,000	25.0
N. EAST	310,000	270,100	30.0	8,104,000	100	40.0	270,000	30.0
Broadwater.......	25,000	22,000	36.4	800,000	1,000	65.0	21,000	35.0
Cascade..........	100,000	88,200	41.0	3,617,000	200	45.0	88,000	41.0
Fergus...........	135,000	120,300	37.0	4,453,500	300	45.0	120,000	37.0
Golden Valley....	40,000	35,000	37.0	1,295,000	0	.0	35,000	37.0
Judith Basin.....	54,000	45,000	34.0	1,530,000	0	.0	45,000	34.0
Lewis & Clark....	10,000	9,000	38.0	342,000	0	.0	9,000	38.0
Meagher..........	7,000	6,100	37.1	226,500	100	45.0	6,000	37.0
Musselshell......	22,000	20,000	34.0	680,000	0	.0	20,000	34.0
Petroleum........	9,000	8,000	34.0	272,000	0	.0	8,000	34.0
Wheatland........	28,000	25,000	33.0	825,000	0	.0	25,000	33.0
CENTRAL	430,000	378,600	37.1	14,041,000	1,600	57.5	377,000	37.0
Beaverhead.......	3,500	3,000	33.0	99,000	0	.0	3,000	33.0
Gallatin.........	30,000	27,500	45.3	1,245,000	3,000	72.0	24,500	42.0
Jefferson........	6,000	5,500	34.0	187,000	0	.0	5,500	34.0
Madison..........	5,500	5,000	41.0	205,000	0	.0	5,000	41.0
Silver Bow.......	0	0	.0	0	0	.0	0	.0
S. WEST	45,000	41,000	42.3	1,736,000	3,000	72.0	38,000	40.0
Big Horn........	95,000	81,400	36.1	2,936,000	400	50.0	81,000	36.0
Carbon...........	14,000	12,100	32.2	390,000	100	60.0	12,000	32.0
Park.............	11,000	9,700	38.2	371,000	200	50.0	9,500	38.0
Stillwater.......	60,000	50,100	33.0	1,654,500	100	45.0	50,000	33.0
Sweet Grass.....	7,000	6,000	28.0	168,000	0	.0	6,000	28.0
Treasure.........	5,000	4,000	31.0	124,000	0	.0	4,000	31.0
Yellowstone.....	93,000	80,200	33.1	2,656,500	2,200	37.5	78,000	33.0
S. CENTRAL	285,000	243,500	34.1	8,300,000	3,000	41.0	240,500	34.0
Carter..........	40,000	32,000	33.0	1,056,000	0	.0	32,000	33.0
Custer..........	44,000	37,300	31.0	1,157,500	300	35.0	37,000	31.0
Fallon..........	33,000	26,200	27.0	708,000	200	30.0	26,000	27.0
Powder River....	33,000	29,000	31.0	899,000	0	.0	29,000	31.0
Prairie.........	39,000	31,300	32.1	1,005,500	300	45.0	31,000	32.0
Rosebud.........	45,000	36,000	30.5	1,098,000	0	.0	36,000	30.5
Wibaux..........	11,000	9,000	34.0	306,000	0	.0	9,000	34.0
S. EAST	245,000	200,800	31.0	6,230,000	800	37.5	200,000	31.0
STATE	2,450,000	2,120,000	38.0	80,560,000	13,000	56.5	2,107,000	37.9

DURUM WHEAT - 1981

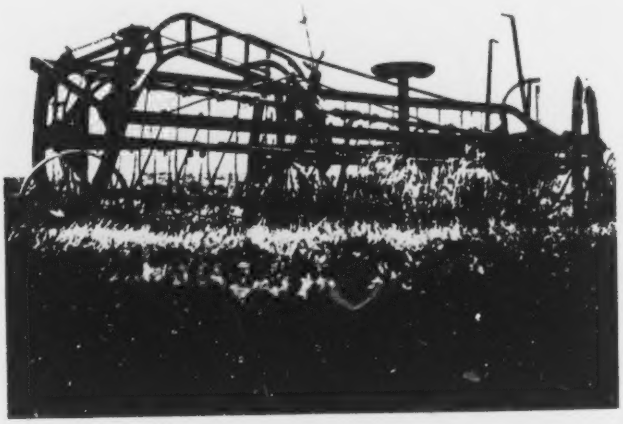
Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production Bushels	Acres Harvested	Yield per Acre Bu.	Acres Harvested	Yield per Acre Bu.
N. WEST	200	200	25.0	5,000	--	--	100	26.0
Blaine............	4,000	3,500	28.7	100,600	100	54.0	3,400	28.0
Chouteau..........	4,800	4,800	32.0	153,600	--	--	4,800	32.0
Glacier...........	2,200	2,200	30.2	66,400	--	--	2,200	30.2
Hill..............	2,300	2,100	29.0	60,900	--	--	2,100	29.0
Liberty...........	3,900	3,900	30.6	119,400	400	49.0	3,500	28.5
Phillips..........	700	500	20.0	10,000	--	--	500	20.0
Pondera...........	34,200	32,500	34.2	1,112,600	500	52.0	32,000	34.0
Teton.............	8,400	8,300	30.0	249,300	--	--	8,300	30.0
Toole.............	42,300	42,100	28.0	1,178,800	--	--	42,100	28.0
N. CENTRAL........	102,800	99,900	30.6	3,051,600	1,000	51.0	98,900	30.3
Daniels...........	11,100	11,000	14.0	154,000	--	--	11,000	14.0
Dawson............	4,700	4,600	19.2	88,500	--	--	4,600	19.2
Garfield..........	600	600	16.0	9,600	--	--	600	16.0
McCone............	2,600	2,400	21.0	50,400	--	--	2,400	21.0
Richland..........	7,400	7,300	22.4	163,300	400	47.0	6,900	20.9
Roosevelt.........	106,700	105,300	20.0	2,102,000	--	--	105,300	20.0
Sheridan..........	238,100	234,700	21.8	5,126,100	1,900	44.0	232,800	21.7
Valley............	5,600	5,500	18.8	103,600	600	42.0	4,900	16.0
N. EAST...........	376,800	371,400	21.0	7,797,500	2,900	44.0	368,500	20.8
Cascade...........	500	500	33.0	16,500	--	--	500	33.0
Fergus............	1,100	1,000	19.0	19,000	--	--	1,000	19.0
Judith Basin......	200	200	18.0	3,600	--	--	200	18.0
CENTRAL...........	1,800	1,700	23.0	39,100	--	--	1,700	23.0
Carbon............	100	100	20.0	2,000	--	--	100	20.0
Treasure..........	200	200	25.0	5,000	--	--	200	25.0
Yellowstone.......	100	100	54.0	5,400	100	54.0		
S. CENTRAL........	400	400	13.0	12,400	100	54.0	300	23.3
Carter............	100	100	14.0	1,400	--	--	100	14.0
Custer............	300	300	16.0	4,800	--	--	300	16.0
Fallon............	400	400	16.0	6,400	--	--	400	16.0
Powder River......	200	200	15.0	3,000	--	--	200	15.0
Wibaux............	7,000	5,400	22.0	118,800	--	--	5,400	22.0
S. EAST...........	8,000	6,400	21.0	134,400	--	--	6,400	21.0
STATE............	490,000	480,000	23.0	11,040,000	4,000	46.0	476,000	22.8

DURUM WHEAT - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

	TOTAL				IRRIGATED		NOT IRRIGATED	
COUNTY & DISTRICT	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre Bu.	Acres Harvested	Yield per Acre Bu.
			Bushels					
Blaine...........	1,500	1,400	25.0	35,000	--	--	1,400	25.0
Chouteau.........	3,500	3,300	37.0	122,100	--	--	3,300	37.0
Glacier..........	1,000	900	30.0	27,000	--	--	900	30.0
Hill.............	500	400	25.0	10,000	--	--	400	25.0
Liberty..........	1,500	1,400	20.0	28,000	--	--	1,400	20.0
Phillips.........	100	100	25.0	2,500	--	--	100	25.0
Pondera..........	30,000	28,600	40.2	1,150,000	300	60.0	28,300	40.0
Teton............	3,400	3,200	39.2	125,400	--	--	3,200	39.2
Toole............	13,500	13,000	26.0	338,000	--	-	13,000	26.0
N. CENTRAL	55,000	52,300	35.1	1,838,000	300	60.0	52,000	35.0
Daniels..........	5,000	4,800	22.0	105,600	--	--	4,800	22.0
Dawson...........	1,000	1,000	19.0	19,000	--	--	1,000	19.0
Garfield.........	200	200	20.0	4,000	--	--	200	20.0
McCone...........	2,300	2,200	25.0	55,000	--	--	2,200	25.0
Richland.........	1,500	1,400	22.1	31,000	100	50.0	1,300	20.0
Roosevelt........	60,000	57,000	27.0	1,539,000	--	--	57,000	27.0
Sheridan.........	215,500	212,300	30.0	6,358,900	300	50.0	212,000	29.9
Valley...........	500	500	20.0	10,000	--	--	500	20.0
N. EAST	286,000	279,400	29.1	8,122,500	400	50.0	279,000	29.0
Cascade..........	1,500	1,500	33.6	50,400	--	--	1,400	36.0
Fergus...........	300	300	25.0	7,500	--	--	300	25.0
Judith Basin.....	800	700	30.0	21,000	--	--	700	30.0
Lewis & Clark....	400	300	62.0	18,600	300	50.0	100	36.0
CENTRAL	3,000	2,800	34.8	97,500	300	50.0	2,500	33.0
Big Horn.........	400	400	25.0	10,000	--	--	400	25.0
Carbon...........	100	100	25.0	2,500	--	--	100	25.0
Yellowstone......	500	500	25.0	12,500	--	--	500	25.0
S. CENTRAL	1,000	1,000	25.0	25,000	--	--	1,000	25.0
Carter...........	900	800	20.0	16,000	--	--	800	20.0
Custer...........	500	400	25.0	10,000	--	--	400	25.0
Fallon...........	300	300	30.0	9,000	--	--	300	30.0
Wibaux...........	3,300	3,000	27.3	82,000	--	--	3,000	27.3
S. EAST	5,000	4,500	26.0	117,000	--	--	4,500	26.0
STATE	350,000	340,000	30.0	10,200,000	1,000	53.0	339,000	29.9



SPRING WHEAT EXCLUDING DURUM - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre Bushels	Production	Acres Harvested	Yield per Acre Bu.	Acres Harvested	Yield per Acre Bu.
Deer Lodge.......	500	500	30.4	15,200	100	48.0	400	26.0
Flathead.........	4,000	3,900	42.9	167,400	2,100	54.0	1,800	30.0
Granite..........	200	200	19.0	3,800	--	--	200	19.0
Lake.............	4,000	3,900	38.6	150,700	1,900	49.0	2,000	28.8
Lincoln..........	100	100	50.0	5,000	100	50.0	--	--
Mineral..........	100	100	43.0	4,300	100	43.0	--	--
Missoula.........	700	700	36.9	25,800	400	44.0	300	27.3
Powell...........	800	800	36.0	28,800	400	46.0	400	26.0
Ravalli..........	1,200	1,100	40.6	44,700	600	50.0	500	29.4
Sanders..........	400	400	34.2	13,700	200	42.0	200	26.5
N. WEST	12,000	11,700	39.3	459,400	5,900	50.0	5,800	28.3
Blaine...........	104,000	102,900	26.3	2,701,900	3,600	64.0	99,300	24.9
Choteau..........	189,800	187,900	32.2	6,056,200	2,800	62.0	185,100	31.8
Glacier..........	108,400	105,100	35.4	3,718,600	1,000	55.0	104,100	35.2
Hill.............	313,500	310,400	31.6	9,809,300	500	57.0	309,900	31.6
Liberty..........	153,600	152,100	31.0	4,709,400	2,300	50.0	149,800	30.7
Phillips.........	118,200	115,800	22.2	2,566,900	1,300	48.0	114,500	21.9
Pondera..........	53,700	53,100	35.8	1,903,000	6,600	48.0	46,500	34.1
Teton............	36,600	36,200	38.3	1,387,600	6,500	57.0	29,700	34.2
Toole............	135,700	134,300	32.9	4,415,100	100	63.0	134,200	32.9
N. CENTRAL	1,213,500	1,197,800	31.1	37,268,000	24,700	55.0	1,173,100	30.6
Daniels..........	254,500	253,000	17.1	4,316,600	1,500	37.0	251,500	16.9
Dawson...........	83,200	78,500	23.0	1,801,900	300	41.0	78,200	22.9
Garfield.........	79,000	76,000	16.4	1,249,200	1,200	49.0	74,800	15.9
McCone...........	130,600	124,400	21.8	2,712,200	900	40.0	123,500	21.7
Richland.........	108,600	103,200	27.1	2,791,800	8,100	53.0	95,100	24.8
Roosevelt........	247,800	245,500	20.9	5,131,200	300	47.0	245,200	20.9
Sheridan.........	85,300	84,000	24.4	2,052,200	100	47.0	83,900	24.4
Valley...........	302,800	296,700	18.3	5,431,200	9,300	44.0	287,400	17.5
N. EAST	1,291,800	1,261,300	20.2	25,486,300	21,700	47.0	1,239,600	19.7
Broadwater.......	24,200	23,900	44.9	1,073,100	16,000	54.0	7,900	26.5
Cascade..........	612,000	604,000	33.8	2,039,700	2,500	42.0	57,900	33.4
Fergus...........	22,800	20,600	23.7	487,800	600	52.0	20,000	22.8
Golden Valley....	1,100	1,100	26.5	29,100	300	52.0	800	16.9
Judith Basin.....	14,100	13,300	23.4	311,500	100	49.0	13,200	23.2
Lewis & Clark....	3,900	3,800	27.4	104,200	1,000	49.0	2,800	19.7
Meagher..........	500	500	24.6	12,300	100	45.0	400	19.5
Musselshell......	5,200	4,900	20.0	97,800	500	46.0	4,400	17.0
Petroleum........	10,000	10,000	22.0	22,000	--	--	10,000	22.0
Wheatland........	5,500	5,400	16.9	91,300	--	--	5,400	16.9
CENTRAL	139,500	134,900	31.6	4,268,800	21,100	52.0	113,800	27.9
Beaverhead.......	9,800	9,700	60.9	590,700	8,000	68.0	1,700	27.5
Gallatin.........	11,900	11,800	59.8	705,800	10,000	65.0	1,800	31.1
Jefferson........	1,300	1,300	32.2	41,800	300	56.0	1,000	25.0
Madison..........	4,000	3,900	55.3	215,600	2,900	65.0	1,000	27.1
S. WEST	27,000	26,700	58.2	1,553,900	21,200	66.0	5,500	28.1
Big Horn.........	6,900	6,800	38.0	258,200	2,200	63.0	4,600	26.0
Carbon...........	4,200	4,100	49.8	204,300	2,400	66.0	1,700	27.0
Park.............	1,900	1,900	27.1	51,400	500	44.0	1,400	21.0
Stillwater.......	2,000	1,900	26.5	50,300	200	50.0	1,700	23.7
Sweet Grass......	700	700	28.0	19,600	100	58.0	600	23.0
Treasure.........	1,500	1,400	58.0	81,200	1,100	67.0	300	25.0
Yellowstone......	7,000	6,900	35.1	241,900	2,400	56.0	4,500	23.9
S. CENTRAL	24,200	23,700	38.3	906,900	8,900	61.0	14,800	24.6
Carter...........	10,100	9,600	15.0	144,000	--	--	9,600	15.0
Custer...........	11,900	11,300	19.3	217,800	500	48.0	10,800	17.9
Fallon...........	46,000	42,100	16.8	706,500	--	--	42,100	16.8
Powder River.....	2,600	2,400	17.4	41,700	100	49.0	2,300	16.0
Prairie..........	2,400	2,300	24.8	57,000	300	46.0	2,000	21.6
Rosebud..........	15,600	15,000	18.4	275,600	1,500	49.0	13,500	15.0
Wibaux...........	53,400	51,200	22.5	1,154,100	500	46.0	50,700	22.3
S. EAST	142,000	133,900	19.4	2,596,700	2,900	48.0	131,000	18.8
STATE	2,850,000	2,790,000	26.0	72,540,000	106,400	55.0	2,683,600	24.9

SPRING WHEAT EXCLUDING DURUM - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
				Bushels		Bu.		Bu.
Deer Lodge	300	300	30.0	9,000	0	.0	300	30.0
Flathead	3,000	2,900	44.9	130,200	700	76.0	2,200	35.0
Granite	300	300	25.0	7,500	0	.0	300	25.0
Lake	3,700	3,600	51.9	187,000	1,000	70.0	2,600	45.0
Lincoln	0	0	.0	0	0	.0	0	.0
Mineral	100	100	50.0	5,000	0	.0	100	50.0
Missoula	800	800	30.0	24,000	0	.0	800	30.0
Powell	500	500	31.0	15,500	0	.0	500	31.0
Ravalli	1,000	1,000	43.8	43,800	300	76.0	700	30.0
Sanders	300	300	30.0	9,000	0	.0	300	30.0
N. WEST	10,000	9,800	44.0	431,000	2,000	73.0	7,800	36.5
Blaine	110,000	108,900	32.5	3,538,500	4,900	65.0	104,000	31.0
Chouteau	235,000	233,900	41.0	9,601,400	3,900	76.0	230,000	40.5
Glacier	115,000	114,000	33.3	3,791,000	2,000	49.0	112,000	33.0
Hill	280,000	275,000	35.0	9,625,000	0	.0	275,000	35.0
Liberty	125,000	123,900	34.5	4,279,000	3,900	51.0	120,000	34.0
Phillips	130,000	126,500	34.1	4,313,000	1,500	42.0	125,000	34.0
Pondera	50,000	48,900	45.8	2,239,000	4,900	62.0	44,000	44.0
Teton	35,000	33,200	45.0	1,495,000	7,200	56.0	26,000	42.0
Toole	145,000	144,500	28.8	4,160,100	500	58.0	144,000	28.7
N. CENTRAL	1,225,000	1,208,800	35.6	43,042,000	28,800	59.4	1,180,000	35.0
Daniels	250,000	245,000	25.5	6,247,500	0	.0	245,000	25.5
Dawson	130,000	125,000	29.0	3,625,000	0	.0	125,000	29.0
Garfield	60,000	59,500	28.6	1,700,000	500	37.0	59,000	28.5
McCone	155,000	153,000	28.0	4,284,000	0	.0	153,000	28.0
Richland	120,000	118,200	30.1	3,558,000	6,200	50.0	112,000	29.0
Roosevelt	230,000	226,900	29.6	6,707,500	900	45.0	226,000	29.5
Sheridan	115,000	112,400	28.5	3,199,000	1,400	65.0	111,000	28.0
Valley	310,000	303,000	30.5	9,235,000	10,000	50.0	293,000	29.8
N. EAST	1,370,000	1,343,000	28.7	38,556,000	19,000	50.5	1,324,000	28.4
Broadwater	20,000	19,300	49.2	949,000	9,500	70.0	9,800	29.0
Cascade	50,000	49,600	36.7	1,820,800	1,000	64.0	48,600	36.1
Fergus	25,000	24,700	32.1	793,000	200	45.0	24,500	32.0
Golden Valley	1,500	1,400	25.0	35,000	0	.0	1,400	25.0
Judith Basin	20,000	19,400	23.0	446,200	0	.0	19,400	23.0
Lewis & Clark	4,000	3,900	32.2	125,400	1,500	50.0	2,400	21.0
Meagher	500	500	20.0	10,000	0	.0	500	20.0
Musselshell	2,000	1,900	19.0	36,100	0	.0	1,900	19.0
Petroleum	2,000	1,900	27.4	52,000	300	40.0	1,600	25.0
Wheatland	5,000	4,900	25.0	122,500	0	.0	4,900	25.0
CENTRAL	130,000	127,500	34.4	4,390,000	12,500	66.0	115,000	31.0
Beaverhead	10,000	9,300	53.9	501,000	7,400	60.0	1,900	30.0
Gallatin	13,500	13,100	47.9	627,500	6,700	65.0	6,400	30.0
Jefferson	1,500	1,500	29.1	43,700	100	45.0	1,400	28.0
Madison	5,000	4,800	53.9	258,800	2,800	70.0	2,000	31.4
Silver Bow	0	0	.0	0	0	.0	0	.0
S. WEST	30,000	28,700	49.9	1,431,000	17,000	63.5	11,700	30.0
Big Horn	15,000	14,800	26.9	398,000	1,900	60.0	12,900	22.0
Carbon	5,000	4,800	39.6	190,000	1,400	75.0	3,400	25.0
Park	2,000	2,000	30.0	60,000	0	.0	2,000	30.0
Stillwater	3,000	2,900	20.7	60,000	100	40.0	2,800	20.0
Sweet Grass	500	500	32.0	16,000	100	40.0	400	30.0
Treasure	2,000	2,000	51.0	102,000	1,000	73.0	1,000	29.0
Yellowstone	7,500	7,300	31.4	229,000	300	50.0	7,000	30.6
S. CENTRAL	35,000	34,300	30.8	1,055,000	4,800	65.6	29,500	25.1
Carter	9,000	8,900	21.0	186,900	0	.0	8,900	21.0
Custer	13,000	12,700	24.1	305,700	700	51.0	12,000	22.5
Fallon	47,000	46,800	26.5	1,240,000	0	.0	46,800	26.5
Powder River	2,000	1,900	28.0	53,200	0	.0	1,900	28.0
Prairie	4,000	3,900	26.1	101,700	300	51.0	3,600	24.0
Rosebud	20,000	19,300	27.5	531,500	900	49.0	18,400	26.5
Wibaux	55,000	54,400	27.1	1,476,000	0	.0	54,400	27.1
S. EAST	150,000	147,900	25.3	3,895,000	1,900	50.0	146,000	26.0
STATE	2,950,000	2,900,000	32.0	92,800,000	86,000	59.6	2,814,000	31.2

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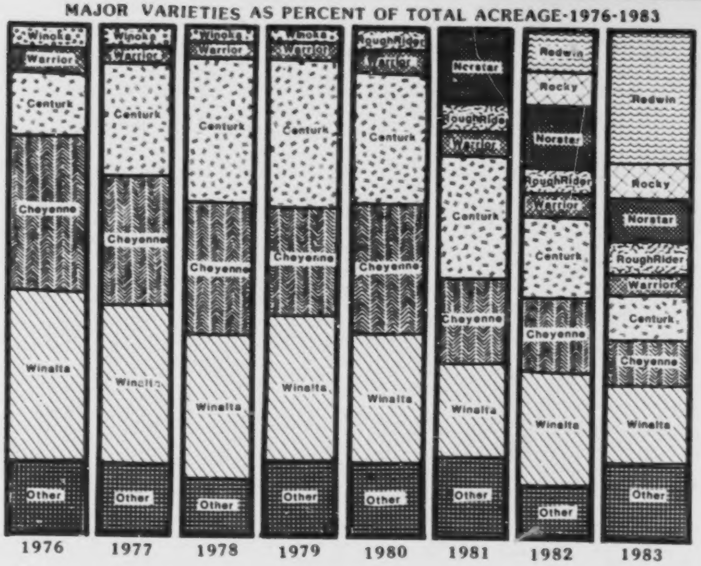
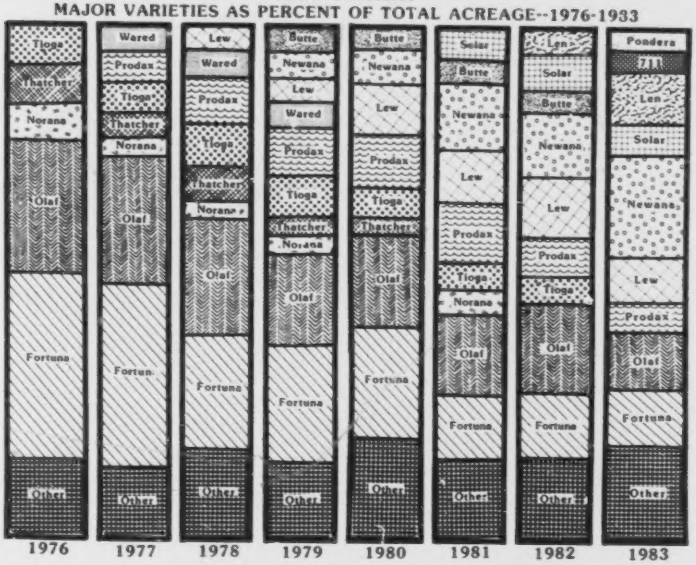
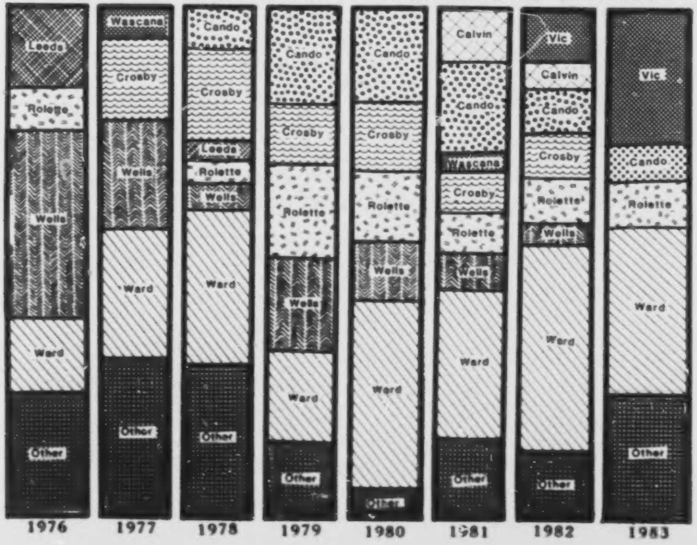
WINTER WHEAT
MAJOR VARIETIES AS PERCENT OF TOTAL ACREAGE-1976-1983



SPRING WHEAT
MAJOR VARIETIES AS PERCENT OF TOTAL ACREAGE--1976-1983



DURUM WHEAT
MAJOR VARIETIES AS PERCENT OF TOTAL ACREAGE --1976-1983



MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1979 - 1983

1982 Revised & 1983 Preliminary Seeded Acres

CLASS & VARIETY	Percent of Total Seeded Acreage					Seeded Acres	
	1979	1980	1981	1982	1983	1982 Revised	1983 Preliminary
	Percent						
WINTER WHEAT							
Redwin.........	--	--	--	8.3	24.2	203,600	616,700
Winalta........	27.7	26.3	18.7	22.2	14.3	544,500	362,800
Norstar........	--	2.3	15.4	11.8	10.4	289,400	265,700
Centurk........	27.1	24.7	24.6	15.4	8.9	376,800	225,700
Cheyenne.......	23.5	25.2	16.9	15.6	8.3	381,000	212,300
Rocky..........	--	--	1.8	8.0	8.0	195,800	204,200
Roughrider.....	2.6	4.1	5.5	5.0	6.4	122,700	163,600
Warrior........	4.6	5.8	3.5	3.6	3.1	88,100	80,100
Winoka.........	3.4	2.2	2.2	.2	2.1	4,900	54,400
Citation.......	--	--	--	--	.9	300	22,200
Nugaines.......	--	--	2.4	.5	.8	11,500	21,300
Other & Unknown	11.1	9.4	9.0	9.4	12.6	231,400	321,000
TOTAL.......	100.0	100.0	100.0	100.0	100.0	2,450,000	2,550,000
SPRING WHEAT							
Newana.........	5.8	7.6	12.7	12.7	19.8	373,300	376,700
Len............	--	--	--	4.0	11.9	119,400	226,500
Olaf...........	17.1	17.1	15.2	17.8	11.3	524,100	214,600
Fortuna........	23.4	22.6	12.0	11.9	10.7	350,500	202,700
Lew............	5.2	10.1	11.1	11.5	9.4	340,300	179,200
Solar..........	--	--	6.8	7.7	5.6	228,000	106,900
Prodax.........	9.9	10.7	12.7	7.6	5.5	225,500	105,200
711............	--	--	--	2.7	3.7	79,300	70,200
Pondera........	--	--	.2	.6	3.5	18,500	65,900
Butte..........	4.5	3.4	4.2	5.1	2.7	149,800	51,200
Tioga..........	8.5	6.2	5.6	5.6	2.3	165,100	44,500
Walera.........	--	--	--	--	1.4	--	26,100
Red River 68...	--	.8	1.5	.2	1.0	4,700	19,400
Other & Unknown	25.6	21.5	18.0	12.6	11.2	371,500	210,900
TOTAL.......	100.0	100.0	100.0	100.0	100.0	2,950,000	1,900,000
DURUM							
Ward...........	18.4	36.5	28.9	40.9	33.1	143,100	69,600
Vic............	--	--	1.3	7.8	25.3	27,300	53,100
Rolette........	18.5	14.2	8.3	9.7	8.9	33,900	18,600
Cando..........	17.7	17.5	18.8	9.2	7.6	32,200	15,900
Crosby.........	12.2	13.5	8.1	9.3	2.6	32,600	5,400
Wells..........	18.3	12.2	5.9	3.5	2.2	12,200	4,700
Other & Unknown	14.9	6.1	28.7	19.6	20.3	68,700	42,700
TOTAL.......	100.0	100.0	100.0	100.0	100.0	350,000	210,000

DURUM WHEAT

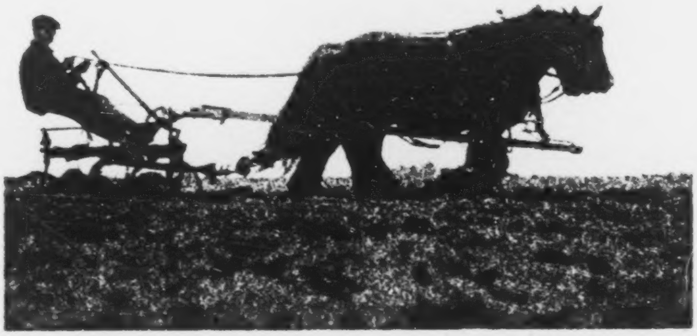
Seeded Acreage by Varieties, Districts & Selected Counties - Montana 1983

COUNTY & DISTRICT	Ward	Vic	Rolette	Cando	Crosby	Wells	Other & Unknown	TOTAL
				--Thousands--				
N. CENTRAL	2.0	3.6	--	5.4	--	--	12.0	23.0
Sheridan.......	46.3	49.5	18.5	10.5	5.4	4.7	--	134.9
Other..........	17.1	--	--	--	--	--	27.1	44.2
N. EAST	63.4	49.5	18.5	10.5	5.4	4.7	27.1	179.1
All Other Counties.....	4.2	--	.1	--	--	--	3.6	7.9
STATE	69.6	53.1	18.6	15.9	5.4	4.7	42.7	210.0

WINTER WHEAT

Seeded Acreage by Varieties, Districts & Selected Counties - Montana 1983

COUNTY & DISTRICT	Red-win	Win-alta	Nor-star	Cen-turk	Chey-enne	Rocky	Rough Rider	War-rior	Win-oka	Cita-tion	Nu-gaines	Other & Unknown	TOTAL
						Thousands							
N. WEST	--	--	--	--	--	.1	--	--	--	--	1.3	13.6	15.0
Blaine.......	--	32.4	57.9	--	--	5.1	--	--	--	--	--	11.6	107.0
Chouteau.....	59.1	18.5	7.9	46.3	27.9	44.3	--	28.0	--	8.6	--	70.4	311.0
Glacier......	--	--	--	--	--	--	--	--	--	--	--	18.0	18.0
Hill.........	103.0	36.9	37.8	--	11.7	7.3	--	11.3	21.1	.4	--	6.5	236.0
Liberty......	34.4	--	33.8	13.9	--	27.6	--	3.2	--	2.5	--	5.6	121.0
Phillips.....	13.5	19.9	9.4	--	--	--	--	--	--	--	--	5.2	48.0
Pondera......	27.8	9.6	13.3	20.4	30.9	24.1	--	--	2.6	--	--	.3	129.0
Teton........	20.7	--	9.8	19.5	11.9	36.1	--	--	4.1	3.7	--	12.2	118.0
Toole........	13.5	27.2	5.9	40.5	--	20.1	--	--	.8	--	--	4.0	112.0
N. CENTRAL	272.0	144.5	175.8	140.6	82.4	164.6	--	42.5	28.6	15.2	--	133.8	1,200.0
Dawson.......	11.9	35.1	15.9	--	--	1.0	33.2	--	--	--	--	1.9	99.0
Garfield.....	61.7	3.5	--	1.3	.7	--	3.8	--	--	--	--	--	71.0
McCone.......	4.3	62.5	26.9	--	4.1	--	13.2	--	22.0	--	--	--	133.0
Richland.....	30.4	33.3	.8	--	--	--	15.6	--	--	--	--	3.9	84.0
Roosevelt....	--	--	8.2	--	--	--	22.8	--	--	--	--	--	31.0
Valley.......	--	18.6	1.7	--	--	--	12.0	--	--	--	--	10.7	43.0
Other........	--	--	1.3	--	--	--	3.9	--	--	--	--	3.8	9.0
N. EAST	108.3	153.0	54.8	1.3	4.8	1.0	104.5	--	22.0	--	--	20.3	470.0
Braodwater...	6.8	--	--	7.2	--	--	--	--	--	1.4	--	5.6	21.0
Cascade......	41.0	--	--	12.0	7.3	2.9	--	13.3	--	--	--	7.5	84.0
Fergus.......	20.9	8.7	20.8	27.6	15.5	19.0	--	--	--	--	--	.5	113.0
Golden Valley	14.7	--	5.5	--	12.7	--	--	--	--	--	--	.1	33.0
Judith Basin.	23.6	--	5.9	4.0	3.2	3.5	--	--	--	1.0	--	3.8	45.0
Wheatland....	4.7	--	--	--	9.1	2.6	--	--	--	4.6	--	3.0	24.0
Other........	20.3	5.6	2.9	7.1	--	--	3.0	--	--	--	--	1.1	40.0
CENTRAL	132.0	14.3	35.1	57.9	47.8	28.0	3.0	13.3	--	7.0	--	21.6	360.0
Gallatin.....	12.5	--	--	--	5.4	2.6	--	--	--	--	--	6.5	27.0
Other........	--	--	--	--	--	--	--	--	--	--	--	13.0	13.0
S. WEST	12.5	--	--	--	5.4	2.6	--	--	--	--	--	19.5	40.0
Big Horn.....	1.0	5.0	--	--	12.0	--	--	--	--	--	--	62.0	80.0
Carbon.......	6.4	--	--	--	3.3	--	--	--	--	--	--	1.3	11.0
Stillwater...	19.5	3.3	--	17.3	1.9	--	--	4.5	--	--	--	.5	47.0
Yellowstone..	36.7	3.4	--	--	--	7.4	--	3.7	--	--	20.0	1.8	73.0
Other........	1.9	--	--	--	10.5	.5	--	--	--	--	--	6.1	19.0
S. CENTRAL	65.5	11.7	--	17.3	27.7	7.9	--	8.2	--	--	20.0	71.7	230.0
Carter.......	3.2	5.6	--	.6	--	--	28.0	--	--	--	--	.6	38.0
Custer.......	1.6	6.2	--	--	--	--	8.8	--	--	--	--	25.4	42.0
Fallon.......	--	18.8	--	--	--	--	13.2	--	--	--	--	--	32.0
Powder River.	1.7	3.8	--	8.0	8.7	--	--	--	3.8	--	--	6.0	32.0
Prairie......	12.4	--	--	--	--	--	--	16.1	--	--	--	8.5	37.0
Rosebud......	7.5	--	--	--	35.5	--	--	--	--	--	--	--	43.0
Wibaux.......	--	4.9	--	--	--	--	6.1	--	--	--	--	--	11.0
S. EAST	26.4	39.3	--	8.6	44.2	--	56.1	16.1	3.8	--	--	40.5	235.0
STATE	616.7	362.8	265.7	225.7	212.3	204.2	163.6	80.1	54.4	22.2	21.3	321.0	2,550.0



SPRING WHEAT (EXCLUDING DURUM)

Seeded Acreage by Varieties, Districts & Selected Counties – Montana 1983

COUNTY & DISTRICT	New-ana	Len	Olaf	For-tuna	Lew	So-lar	Pro-dax	711	Pon-dera	Butte	Ti-oga	Wal-era	Red River 68	Other & Unknown	TOTAL
	Thousands														
N. WEST	--	--	--	--	--	--	--	--	--	--	--	--	--	10.0	10.0
Blaine.......	47.2	--	4.4	8.2	--	--	--	--	--	--	--	--	--	10.2	70.0
Chouteau.....	46.8	--	16.0	12.0	5.7	48.1	--	--	3.6	--	--	--	--	17.8	150.0
Glacier......	--	.4	--	42.2	21.1	--	9.1	--	--	--	--	--	--	2.2	75.0
Hill.........	73.7	--	.3	6.8	16.3	30.3	--	42.6	.6	3.4	--	--	--	6.0	180.0
Liberty......	27.8	7.9	--	30.5	6.9	2.3	2.4	--	2.2	--	--	--	--	--	80.0
Phillips.....	18.0	--	15.5	--	--	--	31.7	--	--	--	10.3	--	--	9.5	85.0
Pondera......	.6	--	--	9.7	4.6	3.0	2.6	--	6.6	--	--	--	--	2.9	30.0
Teton........	6.7	--	--	9.1	--	--	--	--	.7	--	--	--	--	3.5	20.0
Toole........	13.8	--	--	41.0	22.2	3.8	12.9	--	--	--	--	--	--	1.3	95.0
N. CENTRAL	234.6	8.3	36.2	159.5	76.8	87.5	58.7	42.6	13.7	3.4	10.3	--	--	53.4	785.0
Daniels......	--	19.4	27.7	.3	74.1	--	--	--	.3	22.2	--	5.0	10.0	6.0	165.0
Dawson.......	29.1	26.3	14.6	--	--	--	--	2.0	11.8	.6	--	--	--	.6	85.0
Garfield.....	3.0	--	13.6	--	--	--	2.6	--	--	--	--	--	--	20.8	40.0
McCone.......	15.3	23.3	18.3	2.8	--	--	13.5	1.2	30.0	--	--	--	--	.6	105.0
Richland.....	5.3	36.6	23.6	--	3.5	3.0	--	--	--	5.4	--	--	--	2.6	80.0
Roosevelt....	4.4	68.3	28.2	3.8	13.6	5.8	--	5.9	5.3	.4	--	5.5	--	8.8	150.0
Sheridan.....	--	14.0	10.7	1.2	2.8	5.3	10.3	--	--	5.5	4.5	8.5	1.5	10.7	75.0
Valley.......	41.5	14.6	28.4	26.7	3.3	3.0	18.3	10.4	--	3.5	29.7	--	--	25.6	205.0
N. EAST	98.6	202.5	165.1	34.8	97.3	17.1	44.7	19.5	47.4	37.6	34.2	19.0	11.5	75.7	905.0
Broadwater...	3.4	--	--	--	--	--	--	--	4.8	--	--	--	--	1.8	10.0
Cascade......	13.4	--	--	--	1.2	--	--	--	--	--	--	--	--	12.4	27.0
Fergus.......	6.6	--	--	.3	--	--	.1	6.1	--	--	--	--	--	.4	13.5
Other........	5.4	--	--	3.3	--	--	.1	--	--	--	--	--	--	10.7	19.5
CENTRAL	28.8	--	--	3.6	1.2	--	.2	6.1	4.8	--	--	--	--	25.3	70.0
S. WEST	6.4	--	--	.4	.4	--	--	--	--	--	--	--	--	12.8	20.0
S. CENTRAL	8.3	--	--	.8	--	--	--	2.0	--	--	--	7.1	--	6.8	25.0
Fallon.......	--	8.0	10.6	--	--	--	--	--	--	--	--	--	--	7.9	26.5
Wibaux.......	--	5.3	2.5	--	2.0	2.3	--	--	--	--	--	--	7.9	11.0	31.0
Other........	--	2.4	.2	3.6	1.5	--	1.6	--	--	10.2	--	--	--	8.0	27.5
S. EAST	--	15.7	13.3	3.6	3.5	2.3	1.6	--	--	10.2	--	--	7.9	26.9	85.0
STATE	376.7	226.5	214.6	202.7	179.2	106.9	105.2	70.2	65.9	51.2	44.5	26.1	19.4	210.9	1,900.0

WHEAT SHIPPED OUT OF STATE - 1972 - 1982

By Class and Destination

CROP YEAR [1]	ALL WHEAT				WINTER WHEAT				SPRING WHEAT [2]			
	East	West	Other [3]	Total	East	West	Other [3]	Total	East	West	Other [3]	Total
	Thousand Bushels				Thousand Bushels				Thousand Bushels			
1972....	7,685	98,149	563	106,397	4,567	52,100	67	56,374	3,118	46,049	496	49,663
1973....	2,549	84,430	184	87,163	499	50,025	97	50,621	2,050	34,405	87	36,542
1974....	6,426	73,374	1,158	80,958	4,797	43,662	1,000	49,459	1,629	29,712	158	31,499
1975....	13,440	90,196	2,041	105,677	10,637	61,863	1,260	73,760	2,803	28,333	781	31,917
1976....	12,490	74,510	1,808	88,808	9,151	48,153	495	57,799	3,339	26,357	1,313	31,009
1977....	6,333	74,428	1,612	82,373	5,040	51,607	661	57,308	1,293	22,821	951	25,065
1978....	4,658	94,726	1,228	100,612	3,190	63,241	566	66,997	1,468	31,485	662	33,615
1979....	4,941	91,703	1,524	98,168	2,408	51,177	826	54,411	2,533	40,526	698	43,757
1980....	5,179	72,908	1,185	79,272	2,384	36,755	484	39,623	2,795	36,153	701	39,649
1981....	3,949	94,646	724	99,319	1,783	46,239	331	48,353	2,166	48,407	393	50,966
1982....	2,627	120,264	806	123,697	672	61,045	130	61,847	1,955	59,219	676	61,850

[1] Crop year July through June the following year until 1976 when the crop year changed to June through May the following year.

[2] Includes durum wheat.

[3] Other and unknown.

WHEAT SHIPPED OUT OF STATE 1981 & 1982 CROP YEARS

By Class, District, Mode and Destination [1]

DISTRICT or ORIGIN, MODE and DESTINATION	June 1981 - May 1982			June 1982 - May 1983		
	Winter Wheat	Spring Wheat [2]	All Wheat	Winter Wheat	Spring Wheat [2]	All Wheat
	Thousand Bushels			Thousand Bushels		
N. WEST	185	730	915	264	676	940
N. CENTRAL	21,916	27,524	49,440	31,234	28,902	60,136
N. EAST	3,537	14,895	18,432	4,962	22,127	27,089
CENTRAL	13,009	4,746	17,755	15,495	5,443	20,938
S. WEST	1,449	1,367	2,816	1,369	1,514	2,883
S. CENTRAL	6,425	1,161	7,586	5,829	2,447	8,276
S. EAST	1,832	543	2,375	2,694	741	3,435
STATE						
Truck East	1,253	926	2,179	658	693	1,351
Truck West	11,347	11,313	22,660	12,069	12,210	24,279
Truck Other [3]	318	389	707	130	629	759
Total by Truck	12,918	12,628	25,546	12,857	13,532	26,389
Rail East	530	1,240	1,770	14	1,262	1,276
Rail West	34,892	37,094	71,986	48,976	47,009	95,985
Rail Other	13	4	17	--	47	47
Total by Rail	35,435	38,338	73,773	48,990	48,318	97,308
Total Wheat Shipped...	48,353	50,966	99,319	61,847	61,850	123,697

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[1] Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100 percent of elevator capacity.

[2] Includes durum.

[3] Other and unknown.

ALL WHEAT PRODUCTION, STOCKS and UTILIZATION

1977 - 1981 Marketing Years

SUPPLY	1977	1978	1979	1980	1981
	Million Bushels				
Beginning stocks 1/	87.8	97.9	87.1	74.6	75.8
Production	130.9	146.1	116.5	119.8	172.8
Total Supply	218.7	244.0	203.6	194.4	248.6
DISPOSITION					
Recorded movement out of State 2/	82.4	113.0	107.9	95.0	115.4
Milled for flour in Montana	7.9	8.3	7.9	7.9	8.9
Used for seed in Montana	5.2	5.4	6.4	6.4	6.0
Used for livestock feed 3/	5.1	3.0	1.7	1.9	1.8
Unaccounted disappearance (to balance) 4/	20.2	27.2	5.1	7.4	28.2
Total Disposition	120.8	156.9	129.0	118.6	160.3
Ending Stocks 1/	97.9	87.1	74.6	75.8	88.3

1/ Farm and Commercial.
2/ Reported by elevators, licensed truckers and special survey of truck destinations.
3/ Utilization for feed--on farms where grown, cattle feeders, feed mills and purchased by other farmers for feed.
4/ Due to unknowns in components, probably most is unrecorded truck movement.

WHEAT MOVEMENT TO PACIFIC NORTHWEST, UTILIZATION and EXPORTS 1/

By Marketing Years 1977 - 1981

ITEM	Marketing Year 2/				
	1977	1978	1979	1980	1981
	Million Bushels				
Beginning stocks	87.8	97.9	87.1	74.6	75.8
Production	130.9	146.1	116.5	119.8	172.8
Ending stocks	-97.9	-87.1	-74.6	-75.8	-88.3
Total Disposition 3/	120.8	156.9	129.0	118.6	160.3
Shipments of wheat into Pacific Northwest. 4/ (adjusted for unaccounted disappearance)	96.6	114.8	92.7	92.5	134.5
Total wheat used for flour in Pacific Northwest. (includes bulgar)	(30.4)	(32.8)	(26.8)	(33.4)	(32.3)
Estimated Montana wheat milled for flour in Pacific Northwest. (includes bulgar) 5/	19.9	21.5	16.5	21.2	20.5
Estimated Montana wheat exported from Pacific Northwest ports. 6/	76.7	93.3	76.2	71.3	114.0
Percent of total disposition	63%	59%	59%	60%	71%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific N.W. ports	123.7	175.1	193.1	179.0	166.5
Montana exports as percent of total HRS, HRW and Durum exports from P.N. ports	62%	53%	39%	40%	68%

1/ Pacific Northwest--Oregon and Washington.
2/ June 1-May 31.
3/ Beginning stocks plus production minus ending stocks.
4/ Source: Montana Grain Movement project.
5/ Total Pacific Northwest wheat millings minus estimated wheat originating from Oregon, Washington or other states.
6/ Estimated Montana wheat shipped to Pacific Northwest minus estimated Montana wheat milled in Pacific Northwest.

BARLEY - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production Bushels	Acres Harvested	Yield per Acre Bu.	Acres Harvested	Yield per Acre Bu.
Deer Lodge.......	1,400	1,400	58.0	81,200	1,000	64.0	400	43.0
Flathead.........	27,000	25,900	57.0	1,476,000	12,000	63.0	13,900	51.8
Granite..........	900	700	59.6	41,700	500	67.0	200	41.0
Lake.............	12,200	11,900	58.3	693,900	7,500	65.0	4,400	46.9
Lincoln..........	200	200	57.0	11,400	200	57.0	--	--
Mineral..........	100	100	68.0	6,800	100	68.0	--	--
Missoula.........	3,800	3,700	47.9	177,200	1,500	58.0	2,200	41.0
Powell...........	3,900	3,900	52.8	205,800	1,700	68.0	2,200	41.0
Ravalli..........	5,400	5,300	59.4	314,600	3,700	66.0	1,600	44.0
Sanders..........	1,100	1,100	50.2	55,200	400	61.0	700	44.0
N. WEST	56,000	54,200	56.5	3,063,800	28,600	64.0	25,600	48.2
Blaine...........	28,000	27,000	36.4	984,100	2,600	60.0	24,400	33.9
Chouteau.........	188,000	180,600	44.0	7,955,300	400	65.0	180,200	44.0
Glacier..........	85,100	82,700	47.9	3,957,500	14,800	62.0	67,900	44.8
Hill.............	36,400	35,700	33.2	1,184,400	--	--	35,700	33.2
Liberty..........	37,200	36,100	42.7	1,539,700	--	--	36,100	42.7
Phillips.........	27,800	26,500	34.5	913,500	1,600	58.0	24,900	33.0
Pondera..........	100,100	96,500	52.4	5,055,800	26,500	62.0	70,000	48.8
Teton............	88,200	85,700	55.3	4,736,400	32,700	72.0	53,000	44.9
Toole............	46,200	44,700	41.7	1,865,000	400	61.0	44,300	41.5
N. CENTRAL	637,000	615,500	45.8	28,191,700	79,000	66.0	536,500	42.8
Daniels..........	11,200	10,800	21.5	232,500	--	--	10,800	21.5
Dawson...........	23,800	21,500	24.7	532,000	600	57.0	20,900	23.8
Garfield.........	26,600	24,000	28.9	694,400	--	--	24,000	28.9
McCone...........	26,100	22,800	30.9	703,800	500	58.0	22,300	30.3
Richland.........	23,900	22,000	30.9	679,000	3,000	64.0	19,000	25.6
Roosevelt........	16,900	16,400	30.3	496,400	--	--	16,400	30.3
Sheridan.........	15,500	14,600	29.7	433,200	--	--	14,600	29.7
Valley...........	25,400	23,100	27.6	638,400	2,300	56.0	20,800	24.5
N. EAST	169,400	155,200	28.4	4,409,700	6,400	60.0	148,800	27.1
Broadwater.......	12,600	12,300	57.9	711,900	9,300	63.0	3,000	42.0
Cascade..........	61,600	60,900	48.3	2,942,600	7,300	58.0	53,600	47.0
Fergus...........	113,400	101,200	39.0	3,950,800	200	59.0	101,000	39.0
Golden Valley....	8,400	7,500	34.1	255,800	500	54.0	7,000	32.7
Judith Basin.....	68,600	62,400	37.2	2,319,400	200	56.0	62,200	37.1
Lewis & Clark....	7,000	6,600	45.7	301,300	4,000	51.0	2,600	37.4
Meagher..........	15,400	14,900	44.1	657,000	1,900	53.0	13,000	42.8
Musselshell......	8,400	8,200	38.8	317,800	700	54.0	7,500	37.3
Petroleum........	5,600	5,200	35.4	184,300	300	48.0	4,900	34.7
Wheatland........	21,000	19,300	33.3	642,800	200	53.0	19,100	33.1
CENTRAL	322,000	298,500	41.2	12,283,700	24,600	58.0	273,900	39.6
Beaverhead.......	9,900	9,200	66.8	614,400	8,600	68.0	600	49.3
Gallatin.........	41,100	38,500	54.1	2,081,600	15,200	64.0	23,300	47.6
Jefferson........	1,600	1,300	58.2	75,700	1,200	59.0	100	49.0
Madison..........	5,900	5,300	59.5	315,300	3,900	64.0	1,400	46.9
Silver Bow.......	300	200	67.0	13,400	200	67.0	--	--
S. WEST	58,800	54,500	56.9	3,100,400	29,100	65.0	25,400	47.6
Big Horn........	22,000	21,200	45.3	960,100	2,300	73.0	18,900	41.9
Carbon..........	12,400	11,900	59.4	707,000	5,900	74.0	6,000	45.1
Park............	9,700	8,700	41.7	362,400	400	56.0	8,300	41.0
Stillwater......	20,600	19,100	33.4	637,300	900	61.0	18,200	32.0
Sweet Grass.....	4,200	3,900	48.2	188,100	1,800	58.0	2,100	39.9
Treasure........	2,800	2,700	69.3	187,100	2,200	75.0	500	44.2
Yellowstone.....	23,500	22,200	54.8	1,217,600	10,400	74.0	11,800	38.0
S. CENTRAL	95,200	89,700	47.5	4,259,600	23,900	72.0	65,800	38.6
Carter..........	9,000	7,200	21.6	155,200	--	--	7,200	21.6
Custer..........	9,800	9,000	24.3	219,000	600	59.0	8,400	21.9
Fallon..........	7,800	6,200	29.5	183,200	--	--	6,200	29.5
Powder River....	6,800	5,900	24.2	142,600	700	58.0	5,200	19.6
Prairie.........	6,700	6,100	32.6	198,800	600	59.0	5,500	29.7
Rosebud.........	16,000	13,400	30.8	412,100	1,500	64.0	11,900	26.6
Wibaux..........	5,500	4,600	30.5	140,200	--	--	4,600	30.5
S. EAST	61,600	52,400	27.7	1,451,100	3,400	61.0	49,000	25.5
STATE	1,400,000	1,320,000	43.0	56,760,000	195,000	65.0	1,125,000	39.2

BARLEY - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
				Bushels		Bu.		Bu.
Deer Lodge.......	1,400	1,300	62.0	80,600	1,000	65.0	300	52.0
Flathead.........	25,700	25,000	71.2	1,779,500	13,000	80.0	12,000	61.6
Granite..........	700	700	57.6	40,300	500	63.0	200	44.0
Lake.............	8,000	7,500	62.9	471,400	4,900	70.0	2,600	49.4
Lincoln..........	100	100	60.0	6,000	100	60.0	0	.0
Mineral..........	100	100	70.0	7,000	100	70.0	0	.0
Missoula.........	4,000	3,000	62.3	187,000	1,100	65.0	1,900	60.8
Powell...........	3,500	3,000	44.6	133,900	2,100	50.0	900	32.1
Ravalli..........	5,000	4,500	59.3	266,900	3,200	65.0	1,300	45.3
Sanders..........	1,500	1,200	46.9	56,300	300	56.7	900	43.7
N. WEST	50,000	46,400	65.3	3,028,900	26,300	72.0	20,100	56.5
Blaine...........	34,900	32,300	50.3	1,625,500	3,000	66.0	29,300	48.7
Chouteau.........	202,600	192,400	53.4	10,279,100	1,900	61.0	190,500	53.4
Glacier..........	99,000	90,500	54.5	4,931,500	16,000	55.0	74,500	54.4
Hill.............	76,600	73,300	47.2	3,463,200	1,500	70.0	71,800	46.8
Liberty..........	51,200	49,100	47.8	2,345,000	500	70.0	48,600	47.5
Phillips.........	39,300	37,300	45.9	1,712,300	500	53.0	36,800	45.8
Pondera..........	116,000	110,300	60.0	6,579,200	24,300	82.0	86,000	55.4
Teton............	98,900	95,000	65.4	6,209,300	34,200	78.0	60,800	58.3
Toole............	71,700	68,600	49.4	3,388,600	500	55.0	68,100	49.4
N. CENTRAL	790,200	748,800	54.4	40,713,700	82,400	73.4	666,400	52.0
Daniels..........	30,700	28,300	34.8	984,600	0	.0	28,300	34.8
Dawson...........	32,000	28,400	40.8	1,157,600	200	65.0	28,200	40.6
Garfield.........	25,000	23,600	33.3	784,800	0	.0	23,600	33.3
McCone...........	32,000	30,500	38.0	1,158,100	200	63.0	30,300	37.8
Richland.........	27,100	25,700	40.6	1,044,400	1,000	65.0	24,700	39.7
Roosevelt........	22,300	21,500	35.2	757,200	400	50.0	21,100	34.9
Sheridan.........	33,100	31,600	34.3	1,084,100	0	.0	31,600	34.3
Valley...........	48,000	45,900	37.5	1,723,200	2,800	52.0	43,100	36.6
N. EAST	250,200	235,500	36.9	8,694,000	4,600	56.7	230,900	36.5
Broadwater.......	16,700	16,300	56.9	927,800	7,500	75.0	8,800	41.5
Cascade..........	63,700	58,900	46.1	2,715,100	4,700	65.0	54,200	44.5
Fergus...........	110,700	108,200	40.5	4,382,000	200	54.0	108,000	40.5
Golden Valley....	15,300	14,900	43.7	651,100	500	55.0	14,400	43.3
Judith Basin.....	64,100	63,800	38.6	2,465,100	600	63.0	63,200	38.4
Lewis & Clark....	9,000	8,300	54.6	453,300	5,000	67.0	3,300	35.8
Meagher..........	15,700	15,600	48.7	759,200	3,700	66.0	11,900	43.3
Musselshell......	8,400	8,300	32.9	272,700	500	80.0	7,800	29.8
Petroleum........	5,200	5,000	42.6	212,800	600	76.0	4,400	38.0
Wheatland........	18,300	18,000	34.0	611,800	1,000	55.0	17,000	32.8
CENTRAL	327,100	317,300	42.4	13,450,900	24,300	68.5	293,000	40.2
Beaverhead.......	8,100	6,400	59.0	377,900	5,500	60.0	900	53.2
Gallatin.........	45,000	41,400	63.3	2,620,700	14,500	80.0	26,900	54.3
Jefferson........	2,400	2,200	57.9	127,400	2,000	60.0	200	37.0
Madison..........	6,600	4,900	68.9	337,700	3,400	76.0	1,500	52.9
Silver Bow.......	400	400	50.0	20,000	400	50.0	0	.0
S. WEST	62,500	55,300	63.0	3,483,700	25,800	73.2	29,500	54.1
Big Horn........	27,800	27,200	45.6	1,241,600	2,700	62.0	24,500	43.8
Carbon..........	10,000	9,100	65.6	597,100	6,700	72.0	2,400	47.8
Park............	10,700	5,400	49.7	268,400	1,300	60.0	4,100	46.4
Stillwater......	22,100	21,800	36.0	785,600	500	67.0	21,300	35.3
Sweet Grass.....	3,800	3,300	44.1	145,500	1,500	55.0	1,800	35.0
Treasure........	2,000	1,900	65.9	125,300	1,300	71.0	600	55.0
Yellowstone.....	23,600	22,900	51.4	1,177,500	8,000	73.0	14,900	39.8
S. CENTRAL	100,000	91,600	47.4	4,341,000	22,000	69.1	69,600	40.5
Carter..........	10,400	9,900	28.4	280,800	0	.0	9,900	28.4
Custer..........	8,500	7,500	46.1	346,100	500	59.0	7,000	45.2
Fallon..........	9,000	8,700	37.7	327,800	0	.0	8,700	37.7
Powder River....	7,900	6,500	36.3	235,900	100	55.0	6,400	36.0
Prairie.........	7,600	7,200	40.3	289,800	600	65.0	6,600	38.0
Rosebud.........	20,500	20,000	52.3	1,046,000	3,600	64.0	16,400	49.7
Wibaux..........	6,100	5,300	38.0	201,400	0	.0	5,300	38.0
S. EAST	70,000	65,100	41.9	2,727,800	4,800	63.4	60,300	40.2
STATE	1,650,000	1,560,000	49.0	76,440,000	190,200	71.4	1,369,800	45.9

BARLEY VARIETIES - 1977 - 1983

VARIETY	1977	1978	1979	1960	1981	1982	1983
	Percent of Total Seeded Acreage						
Hector..............	14.3	14.9	17.5	20.3	28.1	27.3	35.1
Piroline............	37.8	31.9	28.7	29.3	31.1	24.8	25.6
Klages..............	6.1	12.7	13.6	10.4	10.2	12.6	10.6
Clark...............	--	--	--	--	--	2.5	7.4
Morex...............	--	--	.1	.9	2.5	8.5	2.8
Unitan..............	7.9	6.1	5.1	5.1	2.8	3.9	2.5
Summit..............	--	1.0	4.0	3.2	1.4	5.5	2.1
Compana.............	3.0	6.0	2.8	3.3	3.5	2.0	1.5
Steptoe.............	4.7	4.8	3.8	2.2	1.5	1.4	1.4
Ingrid..............	2.5	2.0	2.0	2.5	2.1	1.0	1.0
Moravian III........	.4	.3	.3	.6	.8	.2	.8
Shabet..............	5.0	4.4	5.1	5.5	4.8	.6	.8
Horsford............	.5	1.4	2.6	.7	1.1	.6	.7
Menuet..............	--	--	--	--	--	.4	.7
Larker..............	3.7	2.5	1.7	1.8	2.3	1.0	.6
Kimberly............	--	--	--	--	--	--	.6
Fairfield...........	--	--	1.6	5.1	2.4	.6	.5
Glenn...............	--	--	--	--	--	1.0	.4
Betzes..............	2.8	2.8	2.6	1.7	.7	1.1	.3
Vanguard............	--	--	--	--	--	--	.2
Hypana..............	2.6	3.1	1.6	1.0	.4	.4	.1
Stepford............	--	.2	.2	.2	.9	.2	.1
Other 1/............	8.7	5.9	6.7	6.2	3.4	4.4	4.2
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Includes minor and unknown varieties.

BARLEY VARIETIES - 1983

Seeded Acreage by District

VARIETY	N. WEST	N. CENTRAL	N. EAST	CENTRAL	S. WEST	S. CENTRAL	S. EAST	STATE
	Thousands							
Betzes.........M	--	2.0	1.4	--	.8	2.1	--	6.3
Clark..........	1.9	73.9	15.7	31.9	5.4	13.3	2.1	144.2
Compana........	--	10.0	2.5	14.9	--	.5	1.1	29.0
Fairfield......	--	7.5	--	2.2	--	--	--	9.7
Freja..........	--	--	.5	--	--	--	--	.5
Glenn..........	--	3.6	3.6	--	--	--	--	7.2
Hector.........	--	210.6	229.1	125.2	6.7	85.5	26.8	683.9
Horsford.......	--	1.8	1.9	4.2	3.2	3.3	--	14.4
Hypana.........	--	.8	--	--	--	.5	1.0	2.3
Ingrid.........	16.7	--	--	--	--	2.2	--	18.9
Klages.........M	--	166.8	--	18.4	.3	21.0	--	206.5
Larker.........	--	--	11.8	--	--	--	1.1	12.9
Moravian III...M	--	15.6	--	--	--	--	--	15.6
Morex..........M	--	35.4	5.3	12.2	2.5	--	.2	55.6
Piroline.......M	--	383.4	19.2	73.5	13.1	4.8	5.0	499.0
Purcell........	.2	--	--	--	--	--	--	.2
Shabet.........M	--	11.0	.8	.9	2.4	--	--	15.1
Stepford.......	--	.7	.4	--	--	--	--	1.1
Steptoe........	--	10.7	3.0	2.3	1.2	5.6	3.9	26.7
Summit.........	1.0	19.4	3.8	6.4	9.1	--	1.5	41.2
Unitan.........	3.0	5.0	18.1	4.6	6.4	4.0	8.3	49.4
Vireo..........	--	--	--	--	--	.1	--	.1
Kimberly.......	--	10.7	--	1.5	--	--	--	12.2
Menuet.........	6.7	4.8	--	--	1.3	--	--	12.8
Vanguard.......	--	--	2.8	--	--	--	--	2.8
Other 1/.......	7.5	33.4	16.2	6.0	.3	18.1	.9	82.4
ALL VARIETIES	37.0	1007.1	336.1	304.2	52.7	161.0	51.9	1950.0

(M) American Malting Barley Association, Inc. recommended malting varieties for Montana.

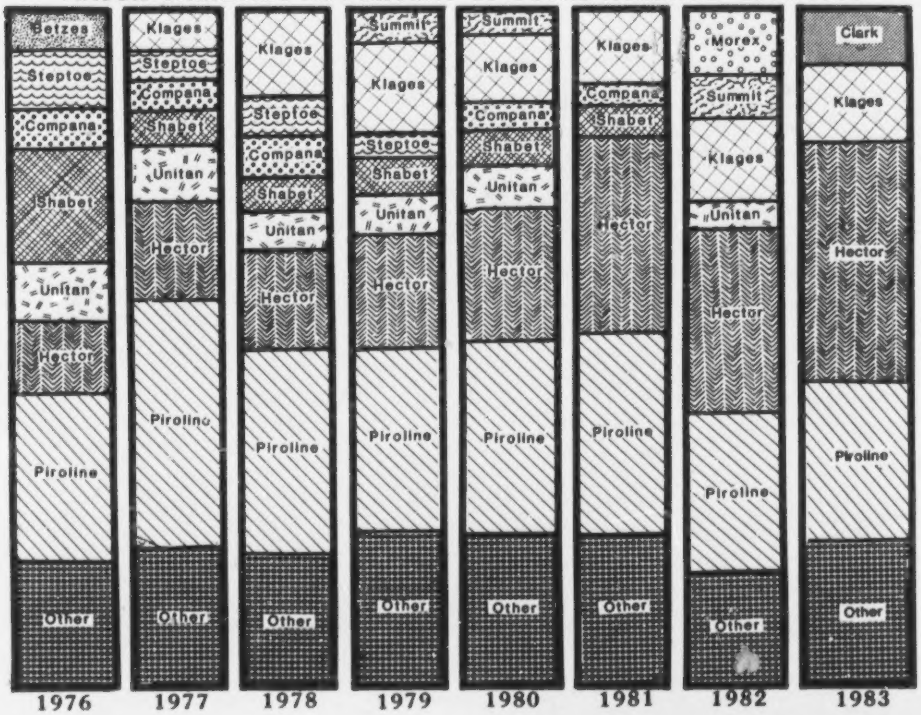
1/ Includes unknown varieties.

MARKETINGS OF MAJOR CROPS: ESTIMATED PERCENT OF FARM SALES, MONTHLY, MONTANA 1976-1977 TO 1981-1982

Marketing Year:	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
						ALL WHEAT						
1976-77............	8	12	3	12	8	9	11	7	6	5	5	4
1977-78............	7	9	9	7	9	10	8	8	8	10	8	7
1978-79............	8	12	10	10	7	8	10	7	7	7	7	7
1979-80............	8	6	11	8	12	9	8	6	7	7	10	8
1980-81............	7	7	10	13	7	7	12	7	8	8	7	7
1981-82............	7	13	10	7	9	6	8	6	7	12	7	8
						BARLEY						
1976-77............	13	15	8	8	7	7	8	7	7	7	7	6
1977-78............	5	9	10	8	11	9	6	7	7	10	8	10
1978-79............	9	8	9	9	8	7	9	6	12	9	5	9
1979-80............	7	5	13	12	8	16	10	6	5	5	6	7
1980-81............	11	8	6	12	10	14	13	8	9	4	4	1
1981-82............	5	5	8	6	8	15	13	11	8	11	6	4
						OATS						
1976-77............	10	13	7	8	8	8	9	7	10	6	7	7
1977-78............	3	7	6	8	9	11	11	13	10	10	9	3
1978-79............	4	5	9	6	7	8	10	9	10	11	10	11
1979-80............	2	3	8	10	5	13	12	7	14	4	16	6
1980-81............	13	11	9	5	6	5	8	11	11	8	6	7
1981-82............	4	7	6	9	8	11	20	7	9	10	3	6

Marketing Year:	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
						ALL HAY						
1976-77............	2	3	5	6	7	12	19	14	12	10	7	3
1977-78............	3	4	7	6	8	12	16	13	11	10	7	3
1978-79............	2	4	6	6	7	11	14	18	16	8	5	3
1979-80............	2	3	5	6	8	8	17	12	10	9	11	8
1980-81............	5	10	7	6	9	15	13	8	9	8	5	5
1981-82............	5	4	5	4	7	15	15	13	11	7	10	4

BARLEY
MAJOR VARIETIES AS PERCENT OF TOTAL ACREAGE--1976-1983



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CORN - 1981

Acreage, Utilization, Silage and Yield by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
					Irrigated		Not Irrigated	
	Planted	Harvested for Grain	Harvested for Forage and Grazed	Harvested for Silage	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
						Ton		Ton
Flathead.........	100	--	--	100	100	17.0	--	--
Lake.............	1,100	--	--	1,100	700	18.0	400	11.0
Missoula.........	100	--	--	100	50	19.0	50	12.0
Ravalli..........	200	--	--	200	100	20.0	100	11.0
Sanders..........	100	--	--	100	50	16.0	50	11.0
N. WEST	1,600	--	--	1,600	1,000	18.0	600	11.1
Blaine...........	1,200	--	100	1,100	1,100	16.0	--	--
Chouteau.........	100	--	--	100	100	17.0	--	--
Hill.............	200	--	--	200	200	11.0	--	--
Liberty..........	200	--	--	200	200	16.0	--	--
Phillips.........	400	--	200	200	200	11.0	--	--
N. CENTRAL	2,100	--	300	1,800	1,800	14.9	--	--
Dawson...........	5,100	1,700	200	2,900	2,400	16.0	500	5.0
Garfield.........	800	--	--	800	600	20.0	200	5.0
McCone...........	400	--	--	400	300	15.0	100	5.0
Richland.........	11,000	1,200	400	9,200	7,600	17.0	1,600	5.0
Roosevelt........	1,400	--	300	1,100	800	18.0	300	5.0
Sheridan.........	100	--	--	100	100	15.0	--	--
Valley...........	2,000	100	--	1,800	1,200	17.0	600	5.0
N. EAST	20,800	3,000	900	16,300	13,000	17.0	3,300	5.0
Broadwater.......	100	--	--	100	100	18.0	--	--
Cascade..........	300	--	--	300	300	16.0	--	--
Fergus...........	100	--	--	100	100	18.0	--	--
Golden Valley....	400	--	--	400	400	18.0	--	--
Judith Basin.....	200	--	--	200	200	18.0	--	--
Musselshell......	900	--	100	800	800	19.0	--	--
Petroleum........	100	--	--	100	100	20.0	--	--
CENTRAL	2,100	--	100	2,000	2,000	18.2	--	--
Gallatin.........	200	--	--	200	200	21.0	--	--
S. WEST	200	--	--	200	200	21.0	--	--
Big Horn.........	4,300	400	--	3,800	3,800	20.0	--	--
Carbon...........	5,700	500	--	5,100	5,100	18.0	--	--
Stillwater.......	2,700	200	--	2,500	2,500	17.0	--	--
Treasure.........	5,100	1,000	--	3,900	3,900	21.0	--	--
Yellowstone......	20,200	1,600	200	18,100	18,100	20.0	--	--
S. CENTRAL	38,000	3,700	200	33,400	33,400	19.6	--	--
Carter...........	800	--	200	600	500	16.0	100	5.0
Custer...........	7,800	800	100	6,700	6,000	15.0	700	5.0
Fallon...........	1,300	300	200	700	600	17.0	100	5.0
Powder River.....	200	--	--	200	200	16.0	--	--
Prairie..........	4,200	500	600	3,000	2,600	16.0	400	5.0
Rosebud..........	5,600	1,700	--	3,600	3,200	16.0	400	5.0
Wibaux...........	1,300	--	400	900	500	18.0	400	5.0
S. EAST	21,200	3,300	1,500	15,700	13,600	15.7	2,100	5.0
STATE	86,000	10,000	3,000	71,000	65,000	18.1	6,000	5.6

CORN - 1982

Acreage, Utilization, Silage and Yield by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
					Irrigated		Not Irrigated	
	Planted	Harvested for Grain	Harvested for Forage and Grazed	Harvested for Silage	Acres Harvested	Yield per Acre Ton	Acres Harvested	Yield per Acre Ton
Lake............	900	--	--	900	600	20.0	300	10.0
Ravalli..........	100	--	--	100	100	20.0	--	--
Sanders..........	100	--	--	100	100	20.0	--	--
N. WEST	1,100	--	--	1,100	800	20.0	300	10.0
Blaine...........	1,200	--	100	1,000	1,000	19.0	--	--
Chouteau.........	100	--	--	100	100	18.0	--	--
Hill.............	200	--	--	200	200	19.0	--	--
Liberty..........	100	--	--	100	100	18.0	--	--
Phillips.........	200	--	100	100	100	18.0	--	--
N. CENTRAL	1,800	--	200	1,500	1,500	18.8	--	--
Dawson...........	4,700	1,900	100	2,700	2,300	16.0	400	8.0
Garfield.........	700	--	--	700	600	17.0	100	7.0
McCone...........	500	--	--	500	400	17.0	100	7.0
Richland.........	10,200	1,800	300	8,000	6,600	19.0	1,400	9.0
Roosevelt........	1,300	--	200	1,000	800	18.0	200	8.0
Sheridan.........	100	100	--	--	--	--	--	--
Valley...........	2,000	--	--	1,900	1,200	17.0	700	7.0
N. EAST	19,500	3,800	600	14,800	11,900	18.0	2,900	8.2
Broadwater.......	100	--	--	100	100	19.0	--	--
Cascade..........	300	--	--	300	300	18.0	--	--
Fergus...........	100	--	--	100	100	18.0	--	--
Golden Valley....	300	--	--	300	300	19.0	--	--
Judith Basin.....	200	--	--	200	200	19.0	--	--
Musselshell	900	--	100	700	700	19.0	--	--
Petroleum	100	--	--	100	100	18.0	--	--
CENTRAL	2,000	--	100	1,800	1,800	18.7	--	--
Gallatin	200	--	--	200	200	18.0	--	--
S. WEST	200	--	--	200	200	18.0	--	--
Big Horn.........	3,700	600	--	3,100	3,100	18.0	--	--
Carbon...........	5,300	700	--	4,500	4,500	19.0	--	--
Stillwater.......	2,700	300	--	2,400	2,400	19.0	--	--
Treasure.........	4,600	1,800	--	2,800	2,800	19.0	--	--
Yellowstone......	18,900	2,300	100	16,500	16,500	18.0	--	--
S. CENTRAL	35,200	5,700	100	29,300	29,300	18.3	--	--
Carter...........	600	--	100	500	400	18.0	100	6.0
Custer...........	7,300	1,100	100	6,000	5,400	19.0	600	6.0
Fallon...........	1,200	400	100	600	500	18.0	100	6.0
Powder River.....	200	--	--	200	200	18.0	--	--
Prairie..........	4,100	700	400	2,900	2,500	19.0	400	6.0
Rosebud..........	5,600	2,300	--	3,300	3,000	18.0	300	6.0
Wibaux...........	1,200	--	300	800	500	18.0	300	6.0
S. EAST	20,200	4,500	1,000	14,300	12,500	18.6	1,800	6.0
STATE	80,000	14,000	2,000	63,000	58,000	18.4	5,000	7.5

CORN FOR GRAIN - 1981 and 1982

Acreage, Yield and Production by Counties -- Principally Irrigated

COUNTY & DISTRICT	1981			1982		
	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Production
		Bushels			Bushels	
Dawson...............	1,700	84.0	142,800	1,900	89.0	169,100
Richland.............	1,200	89.0	106,800	1,800	92.0	165,600
Sheridan.............	--	--	--	100	89.0	8,900
Valley...............	100	85.0	8,500	--	--	--
N. EAST	3,000	86.0	258,100	3,800	90.4	343,600
Big Horn.............	400	79.0	31,600	600	110.0	66,000
Carbon...............	500	80.0	40,000	700	110.0	77,000
Stillwater...........	200	80.0	16,000	300	109.0	32,700
Treasure.............	1,000	84.0	84,000	1,800	112.0	201,600
Yellowstone..........	1,600	90.0	144,000	2,300	112.0	257,600
S. CENTRAL	3,700	85.0	315,600	5,700	111.4	634,900
Custer...............	800	84.0	67,200	1,100	105.0	115,500
Fallon...............	300	75.0	22,500	400	90.0	36,000
Prairie..............	500	74.0	37,000	700	90.0	63,000
Rosebud..............	1,700	88.0	149,600	2,300	90.0	207,000
S. EAST	3,300	84.0	276,300	4,500	93.7	421,500
STATE	10,000	85.0	850,000	14,000	100.0	1,400,000

POTATOES - 1981 and 1982

Acreage, Yield and Production by Counties -- Principally Irrigated

COUNTY & DISTRICT	1981				1982			
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Planted	Acres Harvested	Yield per Acre	Production
			Cwt.				Cwt.	
Deer Lodge & Powell......	640	640	210	134,400	650	650	260	169,000
Flathead........	1,000	1,000	240	240,000	850	850	270	229,500
Lake............	2,050	2,000	230	460,200	2,400	2,350	270	634,500
Ravalli.........	260	260	240	62,400	50	50	260	13,000
N. WEST	3,950	3,900	230	897,000	3,950	3,900	268	1,046,000
N. CENTRAL	200	200	140	28,000	200	200	150	30,000
N. EAST	100	100	110	11,000	100	100	160	16,000
Broadwater......	400	400	250	100,000	400	400	260	104,000
Other Counties..	100	100	200	20,000	100	100	240	24,000
CENTRAL	500	500	240	120,000	500	500	256	128,000
Beaverhead......	300	300	210	63,000	300	300	260	78,000
Gallatin........	2,150	2,100	270	567,000	2,150	2,100	270	567,000
Madison.........	150	150	220	33,000	150	150	240	36,000
S. WEST	2,600	2,550	260	663,000	2,600	2,550	267	681,000
S. CENTRAL	100	100	140	14,000	100	100	160	16,000
SOUTH EAST	50	50	120	6,000	50	50	140	7,000
STATE	7,500	7,400	235	1,739,000	7,500	7,400	260	1,924,000

SUGARBEETS - 1981 and 1982

Acreage, Yield and Production by Counties -- All Irrigated

COUNTY & DISTRICT	1981				1982			
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Planted	Acres Harvested	Yield per Acre	Production
			Tons				Tons	
Dawson......	2,830	2,830	22.7	64,100	2,860	2,860	20.5	58,500
Richland....	10,980	10,940	21.5	235,400	11,390	11,390	21.5	244,800
N. EAST	13,810	13,700	21.8	299,500	14,250	14,250	21.3	303,300
Big Horn....	4,770	4,760	20.7	98,500	4,670	4,670	20.5	95,900
Carbon......	7,680	7,620	19.6	149,000	7,090	7,000	16.6	116,200
Stillwater..	1,030	1,020	17.8	18,200	780	780	15.2	11,800
Treasure....	3,970	3,950	22.2	87,800	3,790	3,790	22.5	85,200
Yellowstone.	10,570	10,520	19.6	205,800	9,640	9,630	18.5	178,200
S. CENTRAL	28,020	27,870	20.1	559,300	25,970	25,870	18.8	487,300
Prairie.....	1,570	1,560	23.3	36,400	1,580	1,580	20.8	32,900
Rosebud.....	1,300	1,300	23.7	30,800	1,300	1,300	20.4	26,500
S. EAST	2,870	2,860	23.5	67,200	2,880	2,880	20.6	59,400
STATE	44,700	44,500	20.8	926,000	43,100	43,000	19.8	850,000

DRY BEANS - 1981 and 1982

Acreage, Yield and Production by Counties -- All Irrigated

COUNTY & DISTRICT	1981				1982			
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Planted	Acres Harvested	Yield per Acre	Production
			100 Lb. Bags				100 Lb. Bags	
Dawson......	2,700	2,500	17.0	42,500	1,600	1,600	19.0	30,400
Richland....	4,700	4,200	17.0	71,400	2,900	2,800	19.0	53,200
N. EAST	7,400	6,700	17.0	113,900	4,500	4,400	19.0	83,600
Big Horn....	300	300	17.0	5,100	200	200	14.0	2,800
Carbon......	1,700	1,500	17.0	25,500	1,000	1,000	15.0	15,000
Stillwater..	300	300	16.0	4,800	200	200	15.0	3,000
Treasure....	400	400	16.0	6,400	200	200	14.0	2,800
Yellowstone.	800	800	16.0	12,800	500	500	16.0	8,000
S. CENTRAL	3,500	3,300	16.5	54,600	2,100	2,100	15.0	31,600
Custer......	1,600	1,500	17.0	25,500	1,000	1,000	13.0	13,000
Prairie.....	700	700	16.0	11,200	400	400	12.0	4,800
Rosebud.....	800	800	16.0	12,800	500	500	12.0	6,000
S. EAST	3,100	3,000	16.5	49,500	1,900	1,900	12.5	23,800
STATE	14,000	13,000	16.8	218,000	8,500	8,400	16.5	139,000

OATS - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Pro-duction	Acres Har-vested	Yield per Acre	Acres Har-vested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge.......	--	--	--	--	--	--	--	--
Flathead.........	700	600	48.0	28,800	200	76.0	400	34.0
Granite..........	100	100	75.0	7,500	100	75.0	--	--
Lake.............	2,100	2,000	70.4	140,800	1,800	74.0	200	38.0
Lincoln..........	300	100	78.0	7,800	100	78.0	--	--
Mineral..........	300	100	77.0	7,700	100	77.0	--	--
Missoula.........	200	200	72.0	14,400	200	72.0	--	--
Powell...........	200	200	71.0	14,200	200	71.0	--	--
Ravalli..........	1,400	900	74.2	66,800	800	80.0	100	28.0
Sanders..........	900	800	56.3	45,000	500	72.0	300	30.0
N. WEST	6,200	5,000	66.6	333,000	4,000	75.0	1,000	33.0
Blaine...........	7,900	4,300	47.4	204,000	1,400	67.0	2,900	38.0
Chouteau.........	11,200	2,900	48.4	140,400	100	60.0	2,800	48.0
Glacier..........	6,000	2,500	50.5	126,300	700	57.0	1,800	48.0
Hill.............	8,700	3,700	41.5	153,500	100	59.0	3,600	41.0
Liberty..........	2,300	1,000	46.0	46,000	--	--	1,000	46.0
Phillips.........	22,500	7,200	42.5	305,800	1,000	64.0	6,200	39.0
Pondera..........	4,000	3,000	49.9	149,600	1,100	60.0	1,900	44.0
Teton............	3,000	2,000	57.2	114,400	600	74.0	1,400	50.0
Toole............	2,200	1,100	51.0	56,100	--	--	1,100	51.0
N. CENTRAL	67,800	27,700	46.8	1,296,100	5,000	64.0	22,700	43.0
Daniels..........	7,200	2,900	36.0	104,400	--	--	2,900	36.0
Dawson...........	6,500	4,000	38.5	154,000	300	57.0	3,700	37.0
Garfield.........	9,000	6,300	32.0	201,600	--	--	6,300	32.0
McCone...........	8,100	3,100	34.0	105,300	100	63.0	3,000	33.0
Richland.........	6,600	3,900	42.9	167,400	700	70.0	3,200	37.0
Roosevelt........	17,000	8,000	38.0	304,000	--	--	8,000	38.0
Sheridan.........	15,500	8,000	34.0	272,000	--	--	8,000	34.0
Valley...........	9,600	3,000	35.6	106,800	400	59.0	2,600	32.0
N. EAST	79,500	39,200	36.1	1,415,500	1,500	64.0	37,700	35.0
Broadwater.......	1,200	900	67.7	60,900	800	71.0	100	41.0
Cascade..........	2,200	1,700	46.4	78,800	300	62.0	1,400	43.0
Fergus...........	3,600	2,900	39.0	113,100	300	65.0	2,600	36.0
Golden Valley....	2,600	2,000	48.3	96,600	1,100	60.0	900	34.0
Judith Basin.....	3,900	3,400	39.4	134,000	200	62.0	3,200	38.0
Lewis & Clark....	1,000	800	66.4	53,100	700	70.0	100	41.0
Meagher..........	1,000	900	50.8	45,700	400	63.0	500	41.0
Musselshell......	800	700	57.6	40,300	600	61.0	100	37.0
Petroleum........	600	500	42.2	21,100	100	59.0	400	38.0
Wheatland........	900	700	53.4	37,400	500	60.0	200	37.0
CENTRAL	17,800	14,500	47.0	681,000	5,000	64.0	9,500	38.0
Beaverhead.......	1,100	600	73.0	43,800	600	73.0	--	--
Gallatin.........	1,000	900	69.2	62,300	800	73.0	100	39.0
Jefferson........	800	600	66.5	39,900	500	72.0	100	39.0
Madison..........	800	500	69.0	34,500	500	69.0	--	--
Silver Bow.......	200	100	73.0	7,300	100	73.0	--	--
S. WEST	3,900	2,700	69.6	187,800	2,500	72.0	200	39.0
Big Horn.........	400	300	70.7	21,200	200	82.0	100	48.0
Carbon...........	900	800	79.4	63,500	700	84.0	100	47.0
Park.............	1,800	1,100	55.8	61,400	500	70.0	600	44.0
Stillwater.......	1,000	800	51.8	41,400	300	68.0	500	42.0
Sweet Grass......	1,900	1,400	62.1	87,000	1,000	71.0	400	40.0
Treasure.........	1,000	700	66.7	46,700	400	86.0	300	41.0
Yellowstone......	3,100	2,500	53.8	134,400	900	80.0	1,600	39.0
S. CENTRAL	10,100	7,600	59.9	455,600	4,000	77.0	3,600	41.0
Carter...........	10,300	2,600	26.0	67,600	--	--	2,600	26.0
Custer...........	4,900	1,600	47.3	75,600	700	72.0	900	28.0
Fallon...........	4,900	2,800	31.0	86,800	--	--	2,800	31.0
Powder River.....	6,500	2,300	35.2	80,900	100	61.0	2,200	34.0
Prairie..........	2,400	1,500	42.7	64,000	500	64.0	1,000	32.0
Rosebud..........	1,300	1,000	48.6	48,600	600	61.0	400	30.0
Wibaux...........	4,400	1,500	31.7	47,500	100	69.0	1,400	29.0
S. EAST	34,700	13,300	35.4	471,000	2,000	66.0	11,300	30.0
STATE	220,000	110,000	44.0	4,840,000	24,000	69.0	86,000	37.0

OATS - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Production	Acres Harvested	Yield per Acre Bu.	Acres Harvested	Yield per Acre Bu.
			Bushels					
Deer Lodge........	--	--	--	--	--	--	--	--
Flathead.........	1,000	600	70.0	42,000	200	80.0	400	65.0
Granite..........	200	100	73.0	7,300	100	73.0	--	--
Lake.............	4,200	2,500	78.0	195,000	2,000	88.0	500	38.0
Lincoln..........	200	100	72.0	7,200	100	72.0	--	--
Mineral..........	200	100	72.0	7,200	100	72.0	--	--
Missoula.........	1,200	700	70.0	49,000	200	79.0	500	66.4
Powell...........	500	300	67.0	20,100	200	80.0	100	41.0
Ravalli..........	1,800	1,100	77.0	84,700	900	84.0	200	45.5
Sanders..........	1,300	800	66.0	52,800	600	78.0	200	30.0
N. WEST	10,600	6,300	73.9	465,300	4,400	83.6	1,900	51.3
Blaine...........	14,100	5,200	52.5	273,000	1,800	82.0	3,400	36.9
Chouteau.........	6,700	3,700	49.0	181,300	400	64.0	3,300	47.2
Glacier..........	4,300	2,600	73.0	189,800	500	90.0	2,100	69.0
Hill.............	16,800	6,700	47.0	314,900	600	73.0	6,100	44.4
Liberty..........	2,400	1,200	44.0	52,800	--	--	1,200	44.0
Phillips.........	21,700	9,100	52.5	477,800	2,200	66.0	6,900	48.2
Pondera..........	2,500	1,900	68.5	130,200	400	73.0	1,500	67.3
Teton............	3,800	2,400	78.0	187,200	600	84.0	1,800	76.0
Toole............	2,900	2,100	64.5	135,500	100	82.0	2,000	63.7
N. CENTRAL	75,200	34,900	55.7	1,942,500	6,600	75.0	28,300	51.1
Daniels..........	9,100	3,100	38.0	117,800	--	--	3,100	38.0
Dawson...........	9,200	6,700	41.5	278,100	600	50.0	6,100	40.7
Garfield.........	10,600	8,500	44.5	378,300	100	68.0	8,400	44.2
McCone...........	12,800	6,400	40.5	259,200	200	67.0	6,200	39.6
Richland.........	11,200	7,400	46.4	343,400	1,400	76.0	6,000	39.5
Roosevelt........	13,400	9,100	44.5	405,000	600	66.6	8,500	43.0
Sheridan.........	13,200	8,700	42.5	369,800	800	53.0	7,900	41.4
Valley...........	13,100	5,900	47.0	277,300	600	75.0	5,300	43.8
N. EAST	92,600	55,800	43.5	2,428,900	4,300	66.0	51,500	41.7
Broadwater.......	1,700	1,200	67.0	80,400	900	79.0	300	31.0
Cascade..........	3,500	2,100	60.0	126,000	800	90.0	1,300	41.5
Fergus...........	6,600	4,900	47.0	230,300	400	82.0	4,500	43.9
Golden Valley....	3,100	2,200	42.0	92,400	1,000	58.0	1,200	28.7
Judith Basin.....	4,600	3,200	47.0	150,400	200	81.0	3,000	44.7
Lewis & Clark....	1,700	1,000	66.0	66,000	900	68.0	100	48.0
Meagher..........	1,300	900	61.0	54,900	400	69.0	500	54.6
Musselshell......	1,700	1,300	51.0	66,300	800	59.0	500	38.2
Petroleum........	900	500	56.0	28,000	200	87.0	300	35.3
Wheatland........	2,500	1,400	64.0	89,600	700	69.0	700	59.0
CENTRAL	27,600	18,700	52.6	984,300	6,300	71.7	12,400	42.9
Beaverhead.......	1,800	900	64.0	57,600	700	76.0	200	22.0
Gallatin.........	2,000	1,700	61.0	103,700	1,200	77.0	500	22.6
Jefferson........	800	600	59.0	35,400	500	62.0	100	44.0
Madison..........	1,200	700	63.0	44,100	600	68.0	100	33.0
Silver Bow.......	200	100	60.0	6,000	100	60.0	--	--
S. WEST	6,000	4,000	61.7	246,800	3,100	72.0	900	26.0
Big Horn.........	3,700	2,100	61.2	128,500	300	85.0	1,800	57.2
Carbon...........	1,500	1,100	66.0	72,600	900	75.0	200	25.5
Park.............	2,300	1,400	61.0	85,400	800	77.0	600	39.7
Stillwater.......	1,200	900	51.0	45,900	600	54.0	300	45.0
Sweet Grass......	2,400	1,800	65.0	117,000	1,000	68.0	800	61.3
Treasure.........	800	600	58.0	34,800	400	64.0	200	46.0
Yellowstone......	3,500	2,700	67.0	180,900	1,100	72.0	1,600	63.6
S. CENTRAL	15,400	10,600	62.7	665,100	5,100	70.5	5,500	55.5
Carter...........	8,400	5,200	41.3	214,800	--	--	5,200	41.3
Custer...........	3,200	2,000	50.0	100,000	800	75.0	1,200	33.3
Fallon...........	5,800	3,200	56.0	179,200	--	--	3,200	56.0
Powder River.....	4,000	2,800	42.0	117,600	200	69.0	2,600	39.9
Prairie..........	4,900	3,000	45.0	135,000	400	68.0	2,600	41.5
Rosebud..........	3,100	1,500	47.0	70,500	700	63.0	800	33.0
Wibaux...........	3,200	2,000	50.0	100,000	100	87.0	1,900	48.1
S. EAST	32,600	19,700	46.6	917,100	2,200	69.9	17,500	43.6
STATE	260,000	150,000	51.0	7,650,000	32,000	72.0	118,000	45.3

ALL HAY - 1981

Acreage, Yield and Production by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL			IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons			Tons		Tons
Deer Lodge.......	15,000	2.20	33,000	14,700	2.22	300	1.00
Flathead.........	42,500	2.40	102,000	18,500	3.17	24,000	1.80
Granite..........	33,000	2.18	72,000	31,000	2.24	2,000	1.30
Lake.............	56,000	2.79	156,000	38,000	3.18	18,000	1.96
Lincoln..........	10,500	2.38	25,000	7,000	2.79	3,500	1.57
Mineral..........	2,700	2.59	7,000	1,600	2.94	1,100	2.09
Missoula.........	33,800	2.37	80,000	23,500	2.64	10,300	1.75
Powell...........	56,500	2.00	113,000	48,500	2.09	8,000	1.46
Ravalli..........	38,000	3.00	114,000	35,900	3.06	2,100	1.95
Sanders..........	37,000	2.59	96,000	21,300	3.12	15,700	1.88
N. WEST	325,000	2.46	798,000	240,000	2.69	85,000	1.79
Blaine..........	40,000	2.23	89,000	24,500	2.73	15,500	1.42
Choteau.........	52,000	1.67	87,000	20,000	2.05	32,000	1.44
Glacier.........	25,500	1.84	47,000	10,000	2.60	15,500	1.35
Hill............	23,000	1.78	41,000	5,000	2.92	18,000	1.47
Liberty.........	8,500	1.47	12,500	1,500	2.00	7,000	1.36
Phillips........	75,000	1.66	124,500	39,000	2.03	36,000	1.26
Pondera.........	21,000	2.50	52,500	14,000	2.82	7,000	1.86
Teton...........	63,000	2.54	160,000	48,000	2.94	15,000	1.27
Toole...........	12,000	1.79	21,500	3,000	2.97	9,000	1.40
N. CENTRAL	320,000	1.98	635,000	165,000	2.55	155,000	1.39
Daniels........	19,000	1.42	27,000	2,500	2.96	16,500	1.19
Dawson.........	39,000	1.33	52,000	14,000	2.14	25,000	.88
Garfield.......	17,000	1.53	26,000	5,000	2.50	12,000	1.13
McCone.........	21,000	1.67	35,000	5,500	3.36	15,500	1.06
Richland.......	40,000	2.00	80,000	12,000	3.26	28,000	1.46
Roosevelt......	38,000	1.53	58,000	6,500	2.31	31,500	1.37
Sheridan.......	31,000	1.16	36,000	1,500	2.33	29,500	1.10
Valley.........	50,000	2.32	116,000	33,000	2.85	17,000	1.29
N. EAST	255,000	1.69	430,000	80,000	2.75	175,000	1.20
Broadwater.....	16,500	3.64	60,000	15,500	3.77	1,000	1.60
Cascade........	66,000	2.17	143,000	15,000	3.17	51,000	1.87
Fergus.........	120,000	1.70	204,000	17,000	2.18	103,000	1.62
Golden Valley..	14,500	2.07	30,000	9,500	2.47	5,000	1.30
Judith Basin...	31,000	1.58	49,000	5,000	2.00	26,000	1.50
Lewis & Clark..	46,000	2.54	117,000	34,500	2.95	11,500	1.33
Meagher........	45,000	1.78	80,000	38,000	1.84	7,000	1.43
Musselshell....	23,000	2.48	57,000	12,000	3.04	11,000	1.86
Petroleum......	19,000	2.26	43,000	8,500	3.35	10,500	1.38
Wheatland......	24,000	1.75	42,000	15,000	2.12	9,000	1.13
CENTRAL	405,000	2.04	825,000	170,000	2.62	235,000	1.62
Beaverhead.....	144,000	2.00	288,000	141,000	2.02	3,000	1.00
Gallatin.......	70,000	3.07	215,000	57,500	3.43	12,500	1.44
Jefferson......	28,000	2.00	56,000	25,500	2.10	2,500	1.00
Madison........	105,000	2.56	269,000	99,000	2.62	6,000	1.67
Silver Bow.....	8,000	2.75	22,000	7,000	3.00	1,000	1.00
S. WEST	355,000	2.39	850,000	330,000	2.47	25,000	1.38
Big Horn.......	70,000	2.21	155,000	20,000	3.35	50,000	1.76
Carbon.........	58,000	2.48	144,000	36,000	3.08	22,000	1.50
Park...........	58,000	2.21	128,000	46,500	2.26	11,500	2.00
Stillwater.....	49,000	2.12	104,000	23,000	2.43	26,000	1.85
Sweet Grass....	54,000	2.28	123,000	40,000	2.50	14,000	1.64
Treasure.......	18,000	2.22	40,000	7,500	3.33	10,500	1.43
Yellowstone....	53,000	2.47	131,000	37,000	3.00	16,000	1.25
S. CENTRAL	360,000	2.29	825,000	210,000	2.74	150,000	1.67
Carter.........	60,000	1.27	76,000	5,500	2.00	54,500	1.19
Custer.........	50,000	1.50	75,000	9,000	3.22	41,000	1.12
Fallon.........	49,000	1.10	54,000	2,500	1.80	46,500	1.06
Powder River...	61,000	1.43	87,500	9,000	2.50	52,000	1.25
Prairie........	18,000	1.42	25,500	5,000	2.30	13,000	1.08
Rosebud........	37,000	2.30	85,000	17,500	3.31	19,500	1.38
Wibaux.........	25,000	1.68	42,000	1,500	2.67	23,500	1.62
S. EAST	300,000	1.48	445,000	50,000	2.81	250,000	1.22
STATE	2,320,000	2.07	4,808,000	1,245,000	2.62	1,075,000	1.44

ALL HAY - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL			IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons			Tons		Tons
Deer Lodge.......	15,300	2.13	32,700	15,000	2.15	300	1.67
Flathead.........	41,800	2.05	85,700	19,600	3.09	22,200	1.14
Granite..........	35,900	2.25	80,600	33,100	2.35	2,800	1.04
Lake.............	49,800	2.69	134,200	41,100	2.96	8,700	1.44
Lincoln..........	10,400	1.83	19,000	6,600	1.97	3,800	1.58
Mineral..........	2,700	2.19	5,900	1,200	2.92	1,500	1.60
Missoula.........	33,700	2.04	68,800	19,200	2.13	14,500	1.92
Powell...........	43,400	2.02	87,500	33,500	2.16	9,900	1.53
Ravalli..........	39,000	3.45	134,700	37,500	3.52	1,500	1.80
Sanders..........	26,700	2.21	59,100	13,800	2.91	12,900	1.47
N. WEST	298,700	2.37	708,200	220,600	2.69	78,100	2.46
Blaine..........	40,900	2.49	101,800	25,100	3.22	15,800	1.34
Choteau.........	58,300	1.91	111,500	16,900	2.97	41,400	1.48
Glacier.........	18,700	3.18	59,500	12,600	2.93	16,100	1.40
Hill............	15,800	1.85	29,200	4,300	2.60	11,500	1.65
Liberty.........	6,900	1.46	10,100	1,800	1.94	5,100	1.29
Phillips........	83,500	2.06	172,300	58,800	2.29	24,700	1.47
Pondera.........	25,800	2.51	64,700	17,300	2.95	8,500	1.61
Teton...........	63,000	2.58	162,400	46,300	2.85	16,700	1.83
Toole...........	9,900	1.45	14,400	2,500	2.28	7,400	1.18
N. CENTRAL	332,800	2.18	725,900	185,600	2.73	147,200	1.49
Daniels........	34,000	1.51	51,500	2,400	2.21	31,600	1.46
Dawson.........	39,000	1.51	58,800	7,800	2.65	31,200	1.23
Garfield.......	26,800	1.39	37,300	7,900	2.51	18,900	.93
McCone.........	33,300	1.49	49,700	5,600	2.46	27,700	1.30
Richland.......	64,100	1.38	88,700	9,100	2.88	55,000	1.14
Roosevelt......	45,500	1.54	70,200	5,700	3.18	39,800	1.31
Sheridan.......	32,800	1.47	48,200	3,700	2.35	29,100	1.36
Valley.........	73,300	2.12	155,700	39,200	2.72	34,100	1.44
N. EAST	348,800	1.61	560,100	81,400	2.69	267,400	1.28
Broadwater.....	16,700	3.18	53,100	12,700	3.73	4,000	1.43
Cascade........	58,700	2.20	129,200	16,600	2.69	42,100	2.01
Fergus.........	117,900	1.83	216,000	21,200	2.92	96,700	1.59
Golden Valley..	14,000	2.35	32,900	7,600	3.12	6,400	1.44
Judith Basin...	30,400	1.89	57,500	5,900	2.64	24,500	1.71
Lewis & Clark..	48,700	2.21	107,400	32,100	2.76	16,600	1.13
Meagher........	53,900	1.76	95,100	42,500	1.88	11,400	1.32
Musselshell....	20,000	2.21	44,100	7,500	3.91	12,500	1.18
Petroleum......	22,500	2.58	58,000	12,400	3.73	10,100	1.17
Wheatland......	23,700	2.11	50,000	18,000	2.29	5,700	1.54
CENTRAL	406,500	2.07	843,300	176,500	2.71	230,000	1.58
Beaverhead.....	156,100	1.93	301,000	155,400	1.93	700	1.14
Gallatin.......	65,000	2.81	182,800	43,700	3.39	21,300	1.62
Jefferson......	34,800	2.13	74,200	30,700	2.23	4,100	1.41
Madison........	110,100	2.43	267,100	104,800	2.49	5,300	1.08
Silver Bow.....	9,300	1.90	17,700	7,300	2.15	2,000	1.00
S. WEST	375,300	2.25	842,800	341,900	2.32	33,400	1.46
Big Horn.......	65,600	2.38	156,100	28,400	3.31	37,200	1.67
Carbon.........	60,000	2.54	152,400	30,900	3.17	29,100	1.88
Park...........	63,500	2.38	151,000	47,500	2.43	16,000	2.22
Stillwater.....	48,900	1.98	96,600	20,400	2.50	28,500	1.60
Sweet Grass....	52,900	2.17	114,800	39,300	2.40	13,600	1.49
Treasure.......	15,800	1.68	26,600	3,500	3.37	12,300	1.20
Yellowstone....	58,500	2.30	134,700	39,800	2.72	18,700	1.41
S. CENTRAL	365,200	2.28	832,200	209,800	2.73	155,400	1.67
Carter.........	65,100	1.81	118,100	4,200	2.33	60,900	1.78
Custer.........	61,000	2.10	128,400	17,700	3.23	43,300	1.64
Fallon.........	49,900	1.72	85,900	3,600	2.78	46,300	1.64
Powder River...	67,800	1.81	122,700	14,200	1.80	53,600	1.81
Prairie........	21,000	1.49	31,300	2,900	2.72	18,100	1.29
Rosebud........	36,600	2.10	77,000	17,500	2.95	19,100	1.33
Wibaux.........	21,300	1.37	29,100	1,000	3.30	20,300	1.27
S. EAST	322,700	1.84	592,500	61,100	2.71	261,600	1.63
STATE	2,450,000	2.08	5,105,000	1,276,900	2.61	1,173,100	1.51

ALFALFA HAY - 1981

Acreage, Yield and Production by Counties – Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL			IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons			Tons		Tons
Deer Lodge.......	8,000	3.13	25,000	7,800	3.18	200	1.00
Flathead.........	22,500	2.98	67,000	9,500	4.18	13,000	2.10
Granite..........	10,000	2.70	27,000	9,000	2.82	1,000	1.60
Lake.............	35,000	3.40	119,000	23,000	4.08	12,000	2.10
Lincoln..........	6,500	2.98	19,400	5,000	3.28	1,500	2.00
Mineral..........	2,000	2.80	5,600	1,000	3.40	1,000	2.20
Missoula.........	19,500	3.18	62,000	12,000	3.92	7,500	2.00
Powell...........	16,000	2.94	47,000	13,500	3.22	2,500	1.40
Ravalli..........	22,000	3.98	87,500	20,000	4.18	2,000	2.00
Sanders..........	23,500	3.00	70,500	14,200	3.70	9,300	1.94
N. WEST	165,000	3.21	530,000	115,000	3.74	50,000	2.00
Blaine..........	25,000	2.88	72,000	17,000	3.35	8,000	1.88
Choteau.........	25,000	2.28	57,000	10,000	2.80	15,000	1.93
Glacier.........	15,500	2.00	31,000	6,000	3.00	9,500	1.37
Hill............	8,000	2.63	21,000	2,500	3.84	5,500	2.07
Liberty.........	2,500	2.20	5,500	500	3.00	2,000	2.00
Phillips........	36,000	2.19	79,000	20,000	2.75	16,000	1.50
Pondera.........	16,000	2.81	45,000	11,500	3.04	4,500	2.22
Teton...........	38,000	3.26	124,000	31,500	3.56	6,500	1.85
Toole...........	4,000	2.63	10,500	1,000	3.90	3,000	2.20
N. CENTRAL	170,000	2.62	445,000	100,000	3.20	70,000	1.79
Daniels........	7,500	2.33	17,500	1,500	3.93	6,000	1.93
Dawson.........	13,000	2.19	28,500	6,000	3.42	7,000	1.14
Garfield.......	7,500	1.87	14,000	4,000	2.75	3,500	.86
McCone.........	6,000	2.92	17,500	4,000	3.88	2,000	1.00
Richland.......	18,500	2.57	47,500	7,500	3.88	11,000	1.67
Roosevelt......	17,500	2.06	36,000	3,000	3.33	14,500	1.79
Sheridan.......	9,000	1.89	17,000	1,000	3.00	8,000	1.75
Valley.........	31,000	2.81	87,000	23,000	3.26	8,000	1.50
N. EAST	110,000	2.41	265,000	50,000	3.40	60,000	1.58
Broadwater.....	13,000	4.23	55,000	12,500	4.32	500	2.00
Cascade........	60,000	2.27	136,000	14,000	3.29	46,000	1.96
Fergus.........	100,000	1.81	180,500	16,000	2.22	84,000	1.73
Golden Valley..	9,500	2.58	24,500	7,000	2.93	2,500	1.60
Judith Basin...	25,500	1.73	44,000	3,000	2.67	22,500	1.60
Lewis & Clark..	28,500	3.30	94,000	22,500	3.78	6,000	1.50
Meagher........	13,000	2.50	32,500	10,500	2.71	2,500	1.60
Musselshell....	13,000	2.96	38,500	9,000	3.39	4,000	2.00
Petroleum......	12,500	2.96	37,000	8,000	3.50	4,500	2.00
Wheatland......	15,000	2.20	33,000	7,500	3.20	7,500	1.20
CENTRAL	290,000	23.3	675,000	110,000	3.27	180,000	1.75
Beaverhead.....	41,500	3.78	157,000	41,000	3.82	500	1.00
Gallatin.......	41,000	3.78	155,000	35,500	4.10	5,500	1.73
Jefferson......	10,000	3.30	33,000	9,500	3.39	500	1.60
Madison........	49,500	3.11	154,000	46,500	3.19	3,000	1.87
Silver Bow.....	3,000	3.67	11,000	2,500	4.16	500	1.20
S. WEST	145,000	3.52	510,000	135,000	3.65	10,000	1.70
Big Horn.......	57,000	2.51	143,000	15,000	4.07	42,000	1.95
Carbon.........	42,000	2.81	118,000	25,000	3.64	17,000	1.59
Park...........	33,000	2.67	88,000	26,000	2.73	7,000	2.43
Stillwater.....	36,500	2.36	86,000	14,000	3.07	22,500	1.91
Sweet Grass....	30,500	2.79	85,000	19,000	3.47	11,500	1.65
Treasure.......	13,000	2.62	34,000	6,000	3.75	7,000	1.64
Yellowstone....	23,000	3.09	71,000	15,000	4.03	8,000	1.31
S. CENTRAL	235,000	2.66	625,000	120,000	3.46	115,000	1.83
Carter.........	39,000	1.46	57,000	3,500	2.29	35,500	1.38
Custer.........	25,000	2.20	55,000	7,000	3.57	18,000	1.67
Fallon.........	30,000	1.38	41,500	1,500	2.00	28,500	1.35
Powder River...	48,000	1.46	70,000	8,000	2.50	40,000	1.25
Prairie........	5,500	2.45	13,500	3,000	3.00	2,500	1.80
Rosebud........	29,500	2.64	78,000	16,000	3.50	13,500	1.63
Wibaux.........	8,000	1.88	15,000	1,000	3.00	7,000	1.71
S. EAST	185,000	1.78	330,000	40,000	3.10	145,000	1.42
STATE	1,300,000	2.60	3,380,000	670,000	3.45	630,000	1.70

ALFALFA HAY - 1982

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL			IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre Tons	Production	Acres Harvested	Yield per Acre Tons	Acres Harvested	Yield per Acre Tons
Deer Lodge.......	7,800	2.95	23,000	7,500	3.00	300	1.80
Flathead.........	22,000	2.87	63,100	11,000	4.24	11,000	1.50
Granite..........	9,300	3.19	29,700	9,200	3.20	100	2.00
Lake.............	27,400	3.65	99,900	23,300	3.93	4,100	2.00
Lincoln..........	6,500	1.98	12,900	5,100	2.07	1,400	1.70
Mineral..........	2,100	2.43	5,100	800	3.62	1,300	1.70
Missoula.........	19,900	2.23	44,300	9,000	2.38	10,900	2.10
Powell...........	16,900	2.57	43,500	12,700	2.89	4,200	1.60
Ravalli..........	24,300	4.38	106,400	22,800	4.55	1,500	1.80
Sanders..........	20,800	2.28	47,400	10,800	3.00	10,000	1.50
N. WEST	157,000	3.03	475,300	112,200	3.54	44,800	1.73
Blaine...........	30,900	2.85	88,100	21,000	3.41	9,900	1.66
Choteau..........	33,500	2.45	82,000	10,400	3.73	23,100	1.87
Glacier..........	17,600	2.45	43,100	6,900	3.83	10,700	1.56
Hill.............	9,100	2.38	21,700	2,100	3.43	7,000	2.07
Liberty..........	2,900	1.72	5,000	500	2.60	2,400	1.54
Phillips.........	42,300	2.63	111,100	32,100	2.90	10,200	1.75
Pondera..........	20,500	2.76	56,600	14,100	3.21	6,400	1.77
Teton............	37,300	3.26	121,600	26,500	3.66	10,800	2.29
Toole............	4,900	1.78	8,700	1,300	2.69	3,600	1.44
N. CENTRAL	199,000	2.70	537,900	114,900	3.33	84,100	1.83
Daniels........	10,400	2.00	20,800	1,000	3.20	9,400	1.87
Dawson.........	14,600	2.12	31,000	5,000	3.20	9,600	1.56
Garfield.......	9,000	2.28	20,500	4,500	3.20	4,500	1.36
McCone.........	6,000	2.67	16,000	2,500	3.50	3,500	2.06
Richland.......	19,800	2.13	42,200	5,300	3.70	14,500	1.56
Roosevelt......	17,500	2.26	39,400	4,600	3.60	12,900	1.77
Sheridan.......	13,500	1.86	25,100	3,100	2.50	10,400	1.66
Valley.........	33,200	3.17	105,400	21,900	3.80	11,300	1.96
N. EAST	124,000	2.42	300,400	47,900	3.54	76,100	1.72
Broadwater.....	13,500	3.51	47,400	10,100	4.22	3,400	1.41
Cascade........	49,300	2.38	117,500	13,800	2.86	35,500	2.20
Fergus.........	90,400	1.99	180,000	19,000	3.08	71,400	1.70
Golden Valley..	9,400	2.82	26,500	6,100	3.52	3,300	1.52
Judith Basin...	25,200	2.01	50,700	4,200	3.07	21,000	1.80
Lewis & Clark..	31,700	2.76	87,600	24,500	3.08	7,200	1.69
Meagher........	10,000	2.60	26,000	8,800	2.74	1,200	1.58
Musselshell....	11,000	3.09	34,000	6,900	4.10	4,100	1.39
Petroleum......	14,200	3.47	49,300	11,600	3.87	2,600	1.69
Wheatland......	11,300	2.48	28,000	8,700	2.74	2,600	1.62
CENTRAL	266,000	2.43	647,000	113,700	3.38	152,300	1.80
Beaverhead.....	37,400	3.44	128,700	36,700	3.48	700	1.14
Gallatin.......	26,700	3.69	98,500	21,100	4.14	5,600	2.00
Jefferson......	11,400	3.39	38,700	10,700	3.49	700	2.00
Madison........	48,100	3.10	148,900	46,200	3.16	1,900	1.58
Silver Bow.....	3,400	3.03	10,300	2,900	3.38	500	1.00
S. WEST	127,000	3.35	425,100	117,600	3.46	9,400	1.80
Big Horn.......	49,000	2.73	133,800	23,000	3.70	26,000	1.87
Carbon.........	38,700	2.52	97,700	19,000	3.20	19,700	1.87
Park...........	37,200	2.62	97,500	27,000	2.70	10,200	2.41
Stillwater.....	36,700	1.95	71,400	11,400	2.60	25,300	1.65
Sweet Grass....	25,600	2.45	62,600	17,700	2.80	7,900	1.65
Treasure.......	11,000	1.90	20,900	2,300	4.09	8,700	1.32
Yellowstone....	24,800	2.82	69,900	14,100	3.70	10,700	1.65
S. CENTRAL	223,000	2.48	553,800	114,500	3.04	108,500	1.80
Carter.........	40,000	2.14	85,400	2,800	2.71	37,200	2.09
Custer.........	28,500	2.80	79,900	14,500	3.60	14,000	1.98
Fallon.........	37,300	1.86	69,500	3,000	3.00	34,300	1.76
Powder River...	54,700	1.94	106,200	12,600	1.80	42,100	1.98
Prairie........	5,700	2.54	14,500	2,000	3.40	3,700	2.08
Rosebud........	31,200	2.26	70,500	16,500	3.00	14,700	1.43
Wibaux.........	6,600	2.20	14,500	900	3.50	5,700	1.98
S. EAST	204,000	2.16	440,500	52,300	2.81	151,700	1.91
STATE	1,300,000	2.60	3,380,000	673,100	3.33	626,900	1.82

ALL OTHER HAY - 1981

Acreage, Yield and Production by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL			IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre Tons	Production Tons	Acres Harvested	Yield per Acre Tons	Acres Harvested	Yield per Acre Tons
Deer Lodge.......	7,000	1.14	8,000	6,900	1.14	100	1.00
Flathead.........	20,000	1.75	35,000	9,000	2.11	11,000	1.45
Granite..........	23,000	1.96	45,000	22,000	2.00	1,000	1.00
Lake.............	21,000	1.76	37,000	15,000	1.80	6,000	1.67
Lincoln..........	4,000	1.40	5,600	2,000	1.55	2,000	1.25
Mineral..........	700	2.00	1,400	600	2.17	100	1.00
Missoula.........	14,300	1.26	18,000	11,500	1.30	2,800	1.07
Powell...........	40,500	1.63	66,000	35,000	1.65	5,500	1.49
Ravalli..........	16,000	1.66	26,500	15,900	1.66	100	1.00
Sanders..........	13,500	1.89	25,500	7,100	1.97	6,400	1.80
N. WEST	160,000	1.68	268,000	125,000	1.72	35,000	1.50
Blaine..........	15,000	1.13	17,000	7,500	1.33	7,500	.93
Chouteau........	27,000	1.11	30,000	10,000	1.30	17,000	1.00
Glacier.........	10,000	1.60	16,000	4,000	2.00	6,000	1.33
Hill............	15,000	1.33	20,000	2,500	2.00	12,500	1.20
Liberty.........	6,000	1.17	7,000	1,000	1.50	5,000	1.10
Phillips........	39,000	1.17	45,500	19,000	1.26	20,000	1.08
Pondera.........	5,000	1.50	7,500	2,500	1.80	2,500	1.20
Teton...........	25,000	1.44	36,000	16,500	1.76	8,500	.82
Toole...........	8,000	1.38	11,000	2,000	2.50	6,000	1.00
N. CENTRAL	150,000	1.27	190,000	65,000	1.54	85,000	1.06
Daniels........	11,500	.83	9,500	1,000	1.50	10,500	.76
Dawson.........	26,000	.90	23,500	8,000	1.19	18,000	.78
Garfield.......	9,500	1.26	12,000	1,000	1.50	8,500	1.24
McCone.........	15,000	1.17	17,500	1,500	2.00	13,500	1.07
Richland.......	21,500	1.51	32,500	4,500	2.22	17,000	1.32
Roosevelt......	20,500	1.07	22,000	3,500	1.43	17,000	1.00
Sheridan.......	22,000	.86	19,000	500	1.00	21,500	.86
Valley.........	19,000	1.53	29,000	10,000	1.90	9,000	1.11
N. EAST	145,000	1.14	165,000	30,000	1.67	115,000	1.00
Broadwater.....	3,500	1.43	5,000	3,000	1.47	500	1.20
Cascade........	6,000	1.17	7,000	1,000	1.60	5,000	1.08
Fergus.........	20,000	1.18	23,500	1,000	1.50	19,000	1.16
Golden Valley..	5,000	1.10	5,500	2,500	1.20	2,500	1.00
Judith Basin...	5,500	.91	5,000	2,000	1.00	3,500	.86
Lewis & Clark..	17,500	1.31	23,000	12,000	1.39	5,500	1.15
Meagher........	32,000	1.48	47,500	27,500	1.51	4,500	1.33
Musselshell....	10,000	1.85	18,500	3,000	2.00	7,000	1.79
Petroleum......	6,500	.92	6,000	500	1.00	6,000	.92
Wheatland......	9,000	1.00	9,000	7,500	1.04	1,500	.80
CENTRAL	115,000	1.30	150,000	60,000	1.42	55,000	1.18
Beaverhead.....	102,500	1.28	131,000	100,000	1.29	2,500	1.00
Gallatin.......	29,000	2.07	60,000	22,000	2.34	7,000	1.21
Jefferson......	18,000	1.28	23,000	16,000	1.33	2,000	.85
Madison........	55,500	2.07	115,000	52,500	2.11	3,000	1.47
Silver Bow.....	5,000	2.20	11,000	4,500	2.36	500	.80
S. WEST	210,000	1.62	340,000	195,000	1.65	15,000	1.17
Big Horn.......	13,000	.92	12,000	5,000	1.20	8,000	.75
Carbon.........	16,000	1.63	26,000	11,000	1.82	5,000	1.20
Park...........	25,000	1.60	40,000	20,500	1.66	4,500	1.33
Stillwater.....	12,500	1.44	18,000	9,000	1.44	3,500	1.43
Sweet Grass....	23,500	1.62	38,000	21,000	1.62	2,500	1.60
Treasure.......	5,000	1.20	6,000	1,500	1.67	3,500	1.00
Yellowstone....	30,000	2.00	60,000	22,000	2.30	8,000	1.19
S. CENTRAL	125,000	1.60	200,000	90,000	1.78	35,000	1.14
Carter.........	21,000	.90	19,000	2,000	1.50	19,000	.84
Custer.........	25,000	.80	20,000	2,000	2.00	23,000	.70
Fallon.........	19,000	.66	12,500	1,000	1.50	18,000	.61
Powder River...	13,000	1.35	17,500	1,000	2.50	12,000	1.25
Prairie........	12,500	.96	12,000	2,000	1.25	10,500	.90
Rosebud........	7,500	.93	7,000	1,500	1.33	6,000	.83
Wibaux.........	17,000	1.59	27,000	500	2.00	16,500	1.58
S. EAST	115,000	1.00	115,000	10,000	1.65	105,000	.94
STATE	1,020,000	1.40	1,428,000	575,000	1.65	445,000	1.08

ALL OTHER HAY - 1982

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL			IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons			Tons		Tons
Deer Lodge.......	7,500	1.29	9,700	7,500	1.29	--	--
Flathead.........	19,800	1.14	22,600	8,600	1.62	11,200	1.29
Granite..........	26,600	1.91	50,900	23,900	2.02	2,700	1.00
Lake.............	22,400	1.53	34,300	17,800	1.70	4,600	.89
Lincoln..........	3,900	1.56	6,100	1,500	1.67	2,400	1.50
Mineral..........	600	1.33	800	400	1.50	200	1.00
Missoula.........	13,800	1.78	24,500	10,200	1.91	3,600	1.39
Powell...........	26,500	1.66	44,000	20,800	1.71	5,700	1.47
Ravalli..........	14,700	1.93	28,300	14,700	1.93	--	--
Sanders..........	5,900	1.98	11,700	3,000	2.57	2,900	1.38
N. WEST	141,700	1.64	232,900	108,400	1.81	33,300	1.10
Blaine..........	10,000	1.37	13,700	4,100	2.20	5,900	.80
Choteau.........	24,800	1.19	29,500	6,500	1.75	18,300	.99
Glacier.........	11,100	1.48	16,400	5,700	1.84	5,400	1.09
Hill............	6,700	1.27	8,500	2,200	1.82	4,500	1.00
Liberty.........	4,000	1.28	5,100	1,300	1.69	2,700	1.07
Phillips........	41,200	1.46	60,200	26,700	1.56	14,500	1.28
Pondera.........	5,300	1.53	8,100	3,200	1.78	2,100	1.14
Teton...........	25,700	1.59	40,800	19,800	1.77	5,900	.98
Toole...........	5,000	1.14	5,700	1,200	1.83	3,800	.92
N. CENTRAL	133,800	1.41	188,000	70,700	1.72	63,100	1.05
Daniels........	23,600	1.30	30,700	1,400	1.50	22,200	1.29
Dawson.........	24,400	1.14	27,800	2,800	1.57	21,600	1.08
Garfield.......	17,800	.94	16,800	3,400	1.59	14,400	.79
McCone.........	27,300	1.23	33,700	3,100	1.61	24,200	1.35
Richland.......	44,300	1.05	46,500	3,800	1.74	40,500	1.19
Roosevelt......	28,000	1.10	30,800	1,100	1.36	26,900	1.09
Sheridan.......	19,300	1.20	23,100	600	1.50	18,700	1.19
Valley.........	40,100	1.25	50,300	17,300	1.35	22,800	1.18
N. EAST	224,800	1.16	259,700	33,500	1.47	191,300	1.10
Broadwater.....	3,200	1.78	5,700	2,600	1.85	600	1.50
Cascade........	9,400	1.24	11,700	2,800	1.86	6,600	.98
Fergus.........	27,500	1.31	36,000	2,200	1.55	25,300	1.29
Golden Valley..	4,600	1.39	6,400	1,500	1.47	3,100	1.35
Judith Basin...	5,200	1.31	6,800	1,700	1.59	3,500	1.17
Lewis & Clark..	17,000	1.16	19,800	7,600	1.75	9,400	.69
Meagher........	43,900	1.57	69,100	33,700	1.66	10,200	1.28
Musselshell....	9,000	1.12	10,100	600	1.67	8,400	1.08
Petroleum......	8,300	1.05	8,700	800	1.63	7,500	.99
Wheatland......	12,400	1.77	22,000	9,300	1.87	3,100	1.48
CENTRAL	140,500	1.40	196,300	62,800	1.71	77,700	1.15
Beaverhead.....	118,700	1.45	172,300	118,700	1.45	--	--
Gallatin.......	38,300	2.20	84,300	22,600	2.69	15,700	1.49
Jefferson......	23,400	1.52	35,500	20,000	1.56	3,400	1.29
Madison........	62,000	1.91	118,200	58,600	1.97	3,400	.79
Silver Bow.....	5,900	1.25	7,400	4,400	1.34	1,500	1.00
S. WEST	248,300	1.68	417,700	224,300	1.72	24,000	1.33
Big Horn.......	16,600	1.34	22,300	5,400	1.67	11,200	1.19
Carbon.........	21,300	2.57	54,700	11,900	3.11	9,400	1.88
Park...........	26,300	2.03	53,500	20,500	2.08	5,800	1.88
Stillwater.....	12,200	2.07	25,200	9,000	2.38	3,200	1.19
Sweet Grass....	27,300	1.91	52,200	21,600	2.08	5,700	1.28
Treasure.......	4,800	1.19	5,700	1,200	2.00	3,600	.92
Yellowstone....	33,700	1.92	64,800	25,700	2.18	8,000	1.09
S. CENTRAL	142,200	1.96	278,400	95,300	2.24	46,900	1.39
Carter.........	25,100	1.30	32,700	1,400	1.57	23,700	1.29
Custer.........	32,500	1.49	48,500	3,200	1.56	29,300	1.48
Fallon.........	12,600	1.30	16,400	600	1.67	12,000	1.28
Powder River...	13,100	1.26	16,500	1,600	1.81	11,500	1.18
Prairie........	15,300	1.10	16,800	900	1.22	14,400	1.09
Rosebud........	5,400	1.20	6,500	1,000	2.10	4,400	1.00
Wibaux.........	14,700	.99	14,600	100	1.00	14,600	.99
S. EAST	118,700	1.28	152,000	8,800	1.64	109,900	1.25
STATE	1,150,000	1.50	1,725,000	603,800	1.80	546,200	1.17

STOCKS OF MAJOR GRAINS 1974 - 1983

CROP AND YEAR	JANUARY 1 On Farm Total	JANUARY 1 Total All Positions [1]	APRIL 1 On Farm Total	APRIL 1 Total All Positions [1]	JULY 1 [2] On Farm Total	JULY 1 [2] Total All Positions [1]	OCTOBER 1 On Farm Total	OCTOBER 1 Total All Positions
	Thousand Bushels							
ALL WHEAT								
1974......	47,390	61,121	26,113	35,797	14,507	18,294	87,679	110,273
1975......	55,250	71,615	31,228	40,106	19,217	24,315	116,944	145,575
1976......	90,437	113,065	48,337	64,637	38,981	50,050	142,201	173,101
1977......	112,088	138,790	85,320	105,538	71,937	87,810	146,630	171,683
1978......	126,992	148,850	102,118	118,517	83,789	97,872	156,274	185,567
1979......	131,445	157,274	102,235	121,707	71,565	87,116	140,935	168,008
1980......	107,157	130,013	80,368	96,078	58,238	73,538	148,552	175,714
1981......	110,216	134,166	76,672	94,250	61,098	75,766	171,102	201,135
1982......	131,351	158,393	101,970	120,105	74,317	88,257	209,258	238,402
1983......	172,546	200,689	115,643	140,617	93,616	113,616	[3]	[3]
WINTER WHEAT								
1974......	19,741	27,670	9,370	14,522	5,512	7,418	53,159	68,114
1975......	32,052	42,764	17,264	23,061	10,438	13,374	73,166	94,328
1976......	59,955	75,004	30,939	41,934	25,448	39,915	79,834	100,737
1977......	63,215	80,813	45,979	58,675	38,343	48,649	84,448	99,906
1978......	74,704	88,718	58,464	69,118	45,472	45,444	81,189	99,805
1979......	69,471	85,997	53,568	65,790	38,502	49,258	67,285	85,146
1980......	52,692	69,084	40,163	51,663	31,556	43,556	69,822	89,309
1981......	46,430	62,867	29,822	39,649	25,749	34,273	81,514	98,754
1982......	65,464	81,538	50,263	61,549	35,479	43,748	93,132	107,584
1983......	72,706	88,424	43,430	57,784	38,086	49,060	[3]	[3]
DURUM WHEAT								
1974......	2,603	3,688	1,602	2,360	921	1,207	4,566	5,226
1975......	3,551	4,447	2,537	3,101	1,623	1,879	8,606	9,543
1976......	5,974	6,968	4,961	5,836	3,645	4,266	9,667	10,947
1977......	8,042	9,096	7,443	8,434	6,502	7,241	8,228	9,258
1978......	6,776	7,530	6,292	6,833	5,808	6,387	13,050	13,795
1979......	9,135	9,936	7,569	8,349	6,525	6,947	10,920	11,420
1980......	7,917	8,307	6,143	6,507	4,436	4,636	[3]	10,645
1981......	[3]	9,066	[3]	7,518	[3]	5,441	[3]	13,776
1982......	[3]	12,524	[3]	10,044	[3]	8,068	[3]	17,854
1983......	[3]	17,379	[3]	15,070	[3]	14,470	[3]	[3]
ALL SPRING WHEAT (Including Durum)								
1974......	27,649	33,451	16,743	21,275	8,995	10,876	34,520	42,159
1975......	23,198	28,851	13,964	17,045	8,779	10,941	43,778	51,247
1976......	30,482	38,061	17,398	22,703	13,533	17,135	62,367	72,364
1977......	48,873	57,977	39,341	46,863	33,594	39,161	62,182	71,777
1978......	52,288	60,132	43,654	49,399	38,317	43,428	75,085	85,762
1979......	61,974	71,277	48,667	55,917	33,063	37,858	73,650	82,862
1980......	54,465	60,929	40,205	44,415	26,682	29,982	78,730	86,405
1981......	63,786	71,299	46,850	54,601	35,349	41,493	89,588	102,381
1982......	65,887	76,855	51,347	58,556	38,838	44,509	116,126	130,818
1983......	99,840	112,265	72,213	82,833	55,530	64,556	[3]	[3]
OATS								
1974......	10,530	13,405	6,669	9,380	4,914	5,782	7,914	8,884
1975......	7,315	8,814	4,389	5,224	2,860	3,301	7,704	8,177
1976......	6,732	7,086	4,039	4,450	3,142	3,440	8,064	8,536
1977......	7,310	7,701	4,296	4,692	3,391	3,610	5,750	6,112
1978......	5,200	5,519	3,600	3,869	2,500	2,746	10,567	10,979
1979......	9,435	9,735	6,510	6,747	5,284	5,504	6,825	7,018
1980......	6,338	6,523	3,803	3,990	2,584	2,748	4,497	4,837
1981......	4,176	4,372	2,570	2,787	2,152	2,296	4,840	5,137
1982......	4,114	4,372	2,178	2,478	1,694	1,877	8,033	8,485
1983......	6,885	7,285	4,055	4,388	3,443	3,643	[3]	[3]
BARLEY								
1974......	42,000	50,173	24,000	29,989	14,400	17,793	32,250	39,139
1975......	21,000	26,880	9,750	12,178	4,875	6,202	41,067	45,010
1976......	29,913	34,229	14,703	18,268	8,112	10,023	38,007	42,336
1977......	24,991	28,602	12,496	15,099	7,810	9,510	44,888	49,103
1978......	37,580	41,841	21,922	24,588	13,571	15,813	52,546	57,824
1979......	44,720	49,536	28,509	32,596	22,919	25,542	46,644	51,638
1980......	31,231	35,119	15,413	18,058	9,329	11,129	40,572	44,177
1981......	29,547	33,065	10,584	12,765	6,615	7,579	45,408	50,099
1982......	28,948	32,629	13,622	15,972	5,108	6,185	62,681	68,141
1983......	45,864	51,164	28,283	33,212	16,817	19,617		

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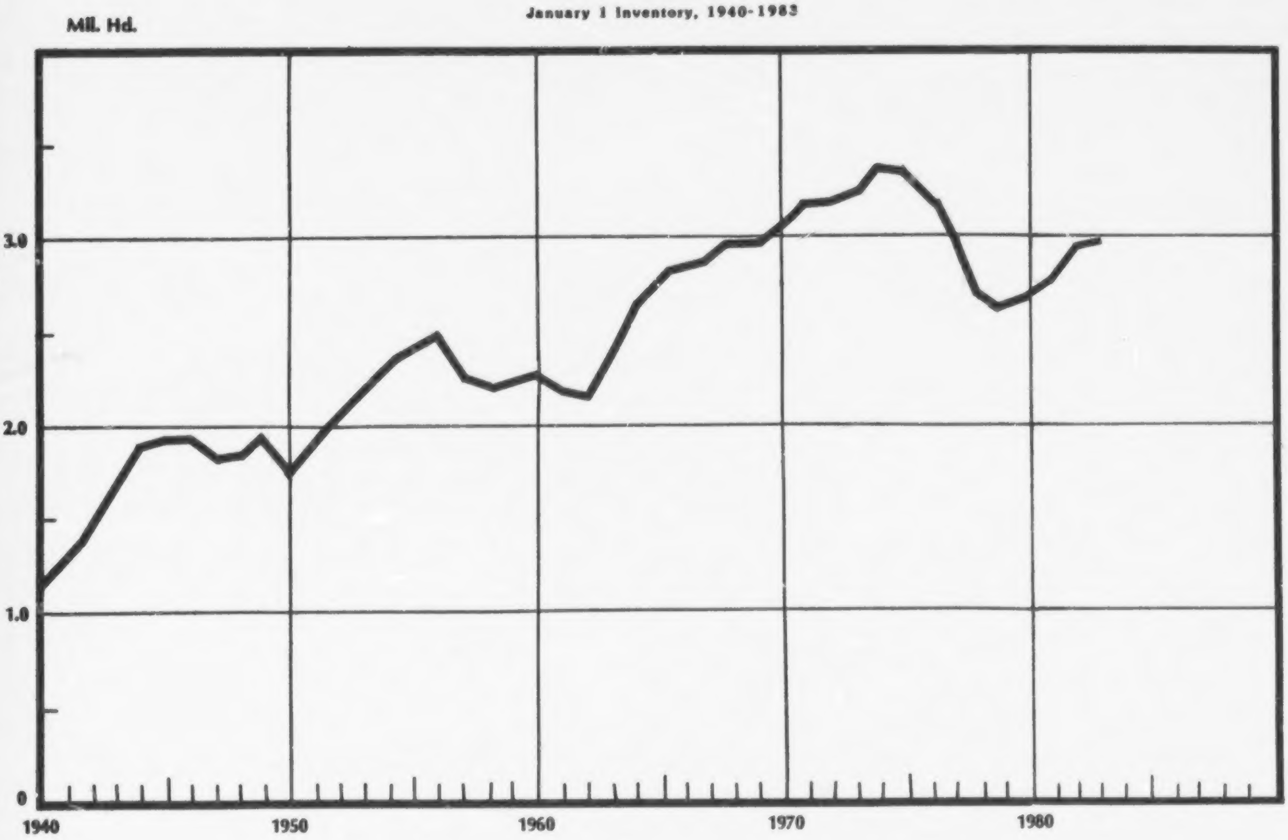
[1] Includes farm stock at mills, elevators, warehouses, terminals, processors and stocks owned by Commodity Credit Corporation.

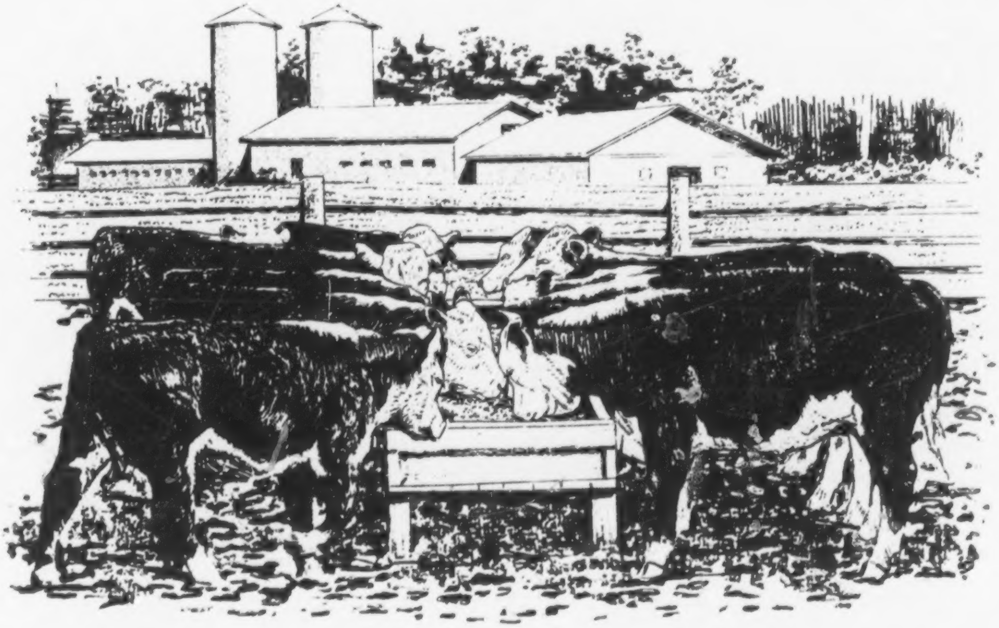
[2] Starting in 1976 data pertains to June 1.

[3] Data not available for publication.

CATTLE and CALVES

January 1 Inventory, 1940-1983





CATTLE AND CALVES

Number, Value Per Head and Total Value, January 1

Year	ALL CATTLE Number	Farm Value Per Head	Farm Value Total
	1,000 Head	Dols.	1,000 Dols.
1972..........	3,165	230.00	727,950
1973..........	3,197	285.00	911,145
1974..........	3,380	340.00	1,149,200
1975..........	3,340	160.00	534,400
1976..........	3,150	205.00	645,750
1977..........	2,980	220.00	655,600
1978..........	2,680	240.00	643,200
1979..........	2,607	455.00	1,186,185
1980..........	2,645	510.00	1,348,950
1981..........	2,675	495.00	1,324,125
1982..........	2,900	395.00	1,145,500
1983..........	2,990	375.00	1,121,250

Number by Classes, January 1

Year	COWS & HEIFERS THAT HAVE CALVED Beef Cows	COWS & HEIFERS THAT HAVE CALVED Milk Cows	HEIFERS 500 LBS. & OVER Beef Cow Replacements	HEIFERS 500 LBS. & OVER Milk Cow Peplacements	HEIFERS 500 LBS. & OVER Other	OTHER Steers 500# & over	OTHER Bulls 500# & over	OTHER Strs., Hfrs., Bulls under 500#	TOTAL ALL CATTLE & CALVES
				1,000 Head					
1974..........	1,746	29	355	10	108	216	106	811	3,380
1975..........	1,692	28	300	10	140	182	97	891	3,340
1976..........	1,614	26	274	10	101	165	95	865	3,150
1977..........	1,549	27	238	9	105	187	90	775	2,980
1978..........	1,409	27	217	8	94	145	86	694	2,680
1979..........	1,453	27	257	8	91	135	86	550	2,607
1980..........	1,427	28	275	11	111	127	87	579	2,645
1981..........	1,439	29	276	9	111	146	85	580	2,675
1982..........	1,604	29	302	12	107	183	90	573	2,900
1983..........	1,520	29	260	9	149	218	87	718	2,990

Calf Crops and Disposition

Year	CALVES BORN	INSHIPMENTS	MARKETINGS 1/ Cattle	MARKETINGS 1/ Calves	FARM SLAUGHTER 2/ Cattle & Calves	DEATHS Cattle	DEATHS Calves
				1,000 Head			
1972..........	1,640	126	880	721	10	39	84
1973..........	1,730	144	763	757	9	42	120
1974..........	1,725	90	1,007	688	25	35	100
1975..........	1,680	80	1,069	645	16	40	180
1976..........	1,570	135	1,091	648	16	35	85
1977..........	1,530	115	1,154	698	16	34	100
1978..........	1,443	205	933	625	13	44	106
1979..........	1,490	167	802	652	10	46	109
1980..........	1,520	116	868	621	7	28	82
1981..........	1,580	109	779	575	10	30	70
1982..........	1,570	125	995	473	17	34	86

1/ Excludes interfarm sales.
2/ Excludes animals custom slaughtered in commercial establishments for farmers.

Numbers by Classes, July 1

Year	COWS & HEIFERS THAT HAVE CALVED: Beef Cows	COWS & HEIFERS THAT HAVE CALVED: Milk Cows	HEIFERS 500 LBS. & OVER: Beef Cow Replacements	HEIFERS 500 LBS. & OVER: Milk Cow Replacements	HEIFERS 500 LBS. & OVER: Other	OTHER: Steers 500# & over	OTHER: Bulls 500# & over	OTHER: Strs., Hfrs., Bulls under 500#	TOTAL ALL CATTLE & CALVES
					1,000 Head				
1975..........	1,694	28	294	12	163	360	101	1,548	4,200
1976..........	1,674	26	284	13	192	385	92	1,514	4,180
1977..........	1,579	27	261	12	164	316	94	1,447	3,900
1978..........	1,508	27	247	12	130	254	83	1,369	3,630
1979..........	1,553	27	307	11	100	259	85	1,408	3,750
1980..........	1,542	28	261	8	88	230	85	1,433	3,675
1981..........	1,696	29	300	9	100	204	88	1,569	3,995
1982..........	Series discontinued.								

Production and Income from Cattle and Calves

Year	Production[1]	Marketing[2]	Price Per 100 Lbs.: Cattle	Price Per 100 Lbs.: Calves	Cash Receipts[3]	Value Of Home Consumption	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		
1972..........	1,103,350	1,125,763	34.80	48.00	431,156	6,556	437,712
1973..........	1,053,950	969,346	45.80	58.30	482,156	9,047	491,203
1974..........	1,035,930	1,133,651	30.80	30.40	348,072	12,358	360,430
1975..........	963,050	1,140,660	29.50	30.80	339,916	7,613	347,529
1976..........	967,940	1,153,200	31.20	36.30	373,307	6,861	380,168
1977..........	880,635	1,169,350	33.70	41.40	412,820	7,464	420,284
1978..........	941,570	1,051,010	51.50	70.30	582,260	10,105	592,365
1979..........	882,185	966,380	67.10	89.80	700,097	11,492	711,589
1980..........	995,375	1,034,130	58.00	76.80	640,507	8,479	648,986
1981..........	1,098,045	933,340	51.90	62.70	506,118	8,806	514,924
1982..........	1,024,795	1,076,770	48.20	60.30	538,414	12,051	550,465

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[1] Adjustments made for inshipments and changes in inventory.

[2] Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced. includes receipts from marketings and from sales of farm slaughtered meat.

MILK COWS, MILK PRODUCTION AND MILKFAT

Year	Milk Cows on Farms[1]	Production Per Cow: Milk	Production Per Cow: Milkfat	Milkfat	TOTAL PRODUCTION[2]: Milk	TOTAL PRODUCTION[2]: Milkfat
	1,000 Head	Pounds		Percent	Mil. Lbs.	
1972..........	33	10,121	370	3.66	334	12
1973..........	30	10,400	376	3.62	312	11
1974..........	28	10,500	381	3.63	294	11
1975..........	27	10,296	375	3.64	278	10
1976..........	26	10,577	380	3.59	275	10
1977..........	27	10,963	396	3.61	296	11
1978..........	27	11,333	407	3.59	306	11
1979..........	27	10,630	381	3.58	287	10
1980..........	29	10,828	383	3.54	314	11
1981..........	29	11,414	403	3.53	331	12
1982..........	29	11,759	420	3.57	341	12

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[1] Average number of farms during year, excluding heifers not yet fresh.

[2] Excludes milk sucked by calves.

MILK AND CREAM MARKETED

Quantity, Price and Cash Receipts

	Milk Sold to Plants and Dealers			Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
Year	Quartity Mil. Lbs.	Price Per 100 Lbs. Dols.	Cash Receipts 1,000 Dols.	Quantity Milkfat 1,000 Lbs.	Price Per Lb. Fat Cents	Cash Receipts 1,000 Dols.	Quantity 1,000 Qts.	Price Per Quart Cents	Cash Receipts 1,000 Dols.
1972.........	278	5.93	16,485	967	.64	619	2,326	31.0	721
1973.........	257	6.95	17,862	959	.64	614	2,326	28.0	651
1974.........	252	8.55	21,546	554	.68	377	1,860	34.0	632
1975.........	239	8.90	21,271	481	.71	342	1,860	34.0	632
1976.........	242	9.45	22,869	365	.81	296	1,395	35.0	488
1977.........	266	9.95	26,467	330	.88	290	930	36.0	335
1978.........	274	10.70	29,318	329	.91	299	1,395	40.0	558
1979.........	259	11.90	30,821	176	1.00	176	1,395	44.0	614
1980.........	295	12.80	37,760	Series discontinued			1,395	47.0	656
1981.........	311	13.40	41,674				1,395	50.0	698
1982.........	319	13.20	42,108				1,395	52.0	725

Income and Value of Dairy Products Marketed

	Combined Marketing of Milk and Cream				Used for Milk, Cream and Butter on Farms Where Produced			
		Average Returns[1]						
Year	Milk Utilized Mil. Lbs.	Per 100 Pounds Milk Dollars	Per Pound Milkfat Dollars	Cash receipts from Marketings 1,000 Dols	Milk Utilized Mil. Lbs	Value[2] 1,000 Dols	Gross Farm Income from Dairy Products[3] 1,000 Dols.	Farm Value of Milk Produced[4] 1,000 Dols.
1972.........	309	5.77	1.58	17,825	19	1,096	18,921	19,772
1973.........	288	6.64	1.83	19,127	16	1,062	20,189	20,717
1974.........	271	8.32	2.29	22,555	15	1,248	23,803	24,461
1975.........	256	8.69	2.39	22,245	14	1,217	23,462	24,158
1976.........	255	9.28	2.58	23,653	13	1,206	24,859	25,520
1977.........	277	9.78	2.71	27,092	12	1,174	28,266	28,949
1978.........	286	10.35	2.94	30,175	12	1,266	31,441	32,283
1979.........	267	11.84	3.31	31,611	12	1,421	33,032	33,981
1980.........	298	12.89	3.64	38,416	9	1,160	39,576	40,475
1981.........	314	13.49	3.82	42,373	9	1,214	43,586	44,652
1982.........	322	13.30	3.73	42,833	7	931	43,764	43,353

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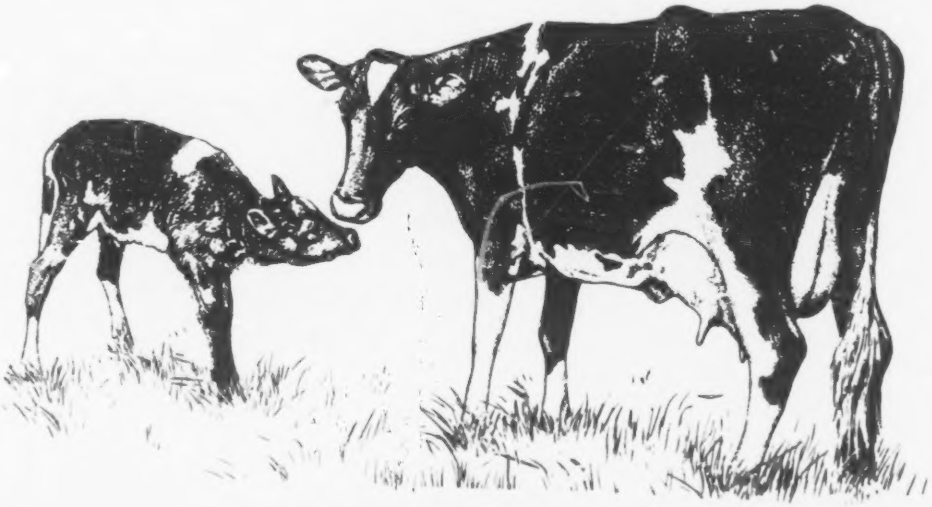
[1] Cash receipts divided by milk or milkfat represented in combined marketings.

[2] Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

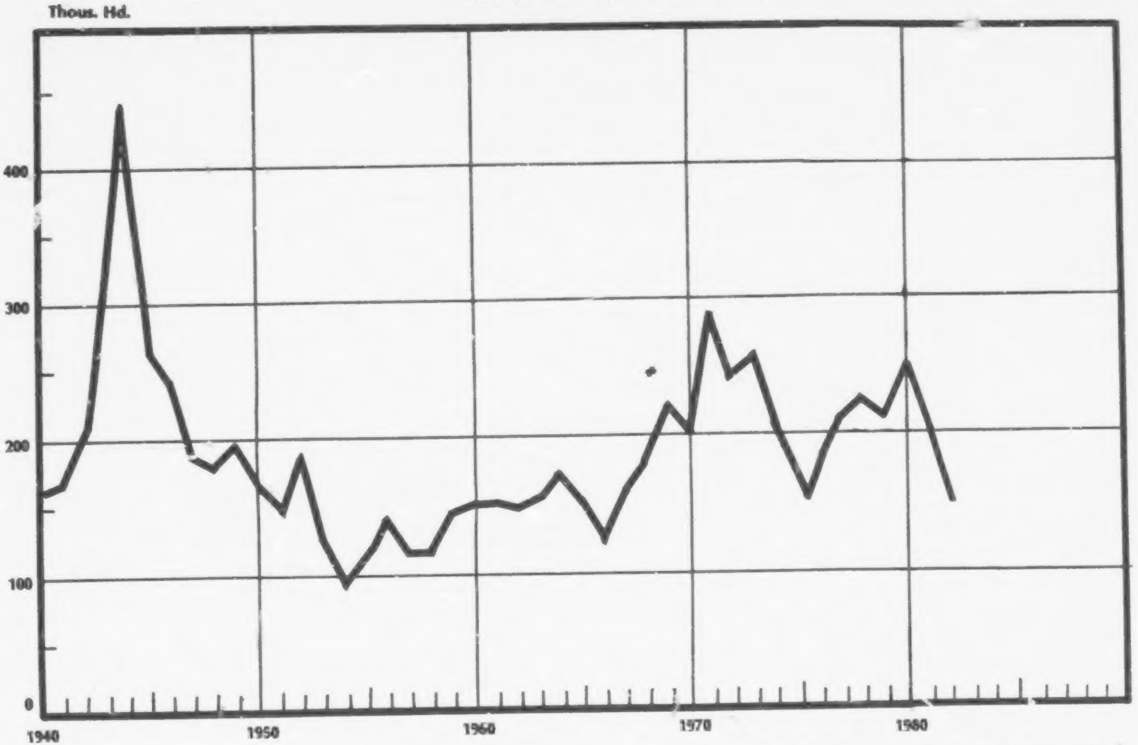
[3] Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

Includes value of milk fed to calves.



HOGS and PIGS

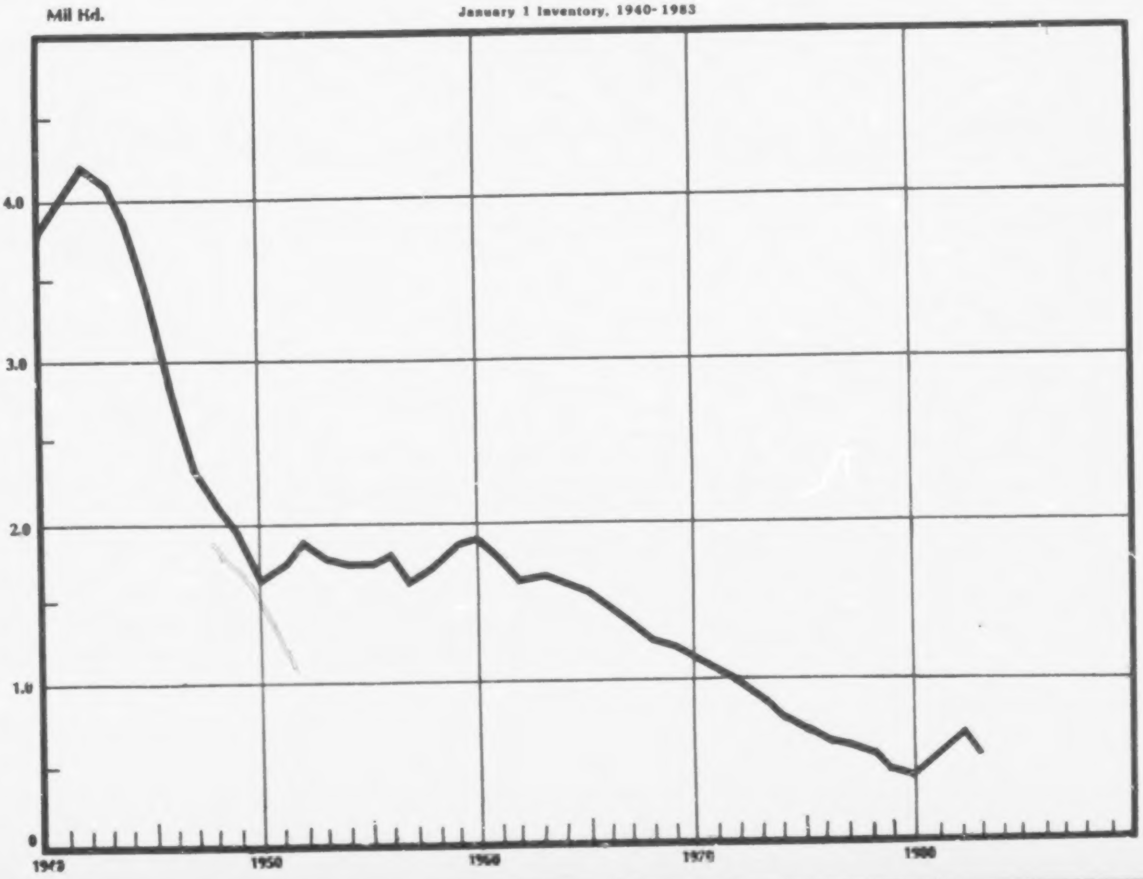
January 1 Inventory, 1940-1982



* Data for 1968 and subsequently relate to December 1.

SHEEP and LAMBS

January 1 Inventory, 1940-1983



SHEEP, LAMBS AND WOOL

Number, Value Per Head and Classes, January 1

Year	ALL SHEEP & LAMBS					STOCK SHEEP ONE YEAR AND OVER		LAMBS	
	Number	Farm Value		Sheep on Feed	Stock Sheep	Ewes	Weathers & Rams	Ewes	Weathers & Rams
		Per Head	Total						
	1,000	Dols.	1,000	1,000 Head		1,000 Head		1,000 Head	
1973.....	880	28.50	25,080	120	760	598	19	132	11
1974.....	750	34.00	25,500	84	666	524	17	107	18
1975.....	675	29.50	19,913	90	585	462	20	82	21
1976.....	595	40.50	24,098	75	520	416	15	72	17
1977.....	570	45.50	25,935	80	490	371	12	94	13
1978.....	552	57.00	31,526	60	492	372	14	92	14
1979.....	540	89.50	48,300	20	520	380	13	116	11
1980.....	574	91.50	52,521	14	560	400	13	136	11
1981.....	595	69.50	41,353	15	580	420	15	130	15
1982.....	616	55.00	33,880	16	600	455	15	117	13
1983.....	560	50.50	28,280	20	540	425	15	85	15

Wool Production and Value

Year	Sheep Shorn	Per Fleece	Total	Price Per Lbs.	Value
		Lbs	1,000	Cts.	1,000
1973................	706	9.9	6,983	106	7,402
1974................	623	10.1	6,309	68	4,290
1975................	551	9.6	5,280	51	2,693
1976................	493	9.6	4,749	73	3,467
1977................	460	9.7	4,442	75	3,332
1978................	440	10.0	4,379	81	3,547
1979................	441	9.8	4,307	94	4,049
1980................	539	9.9	5,358	99	5,304
1981................	565	10.0	5,670	102	5,783
1982................	500	10.3	5,141	79	4,061

Lamb Crop and Disposition

Year	LAMBS Saved	INSHIPMENTS. Sheep & Lambs	MARKETINGS [1]		SLAUGHTER [2] Sheep & Lambs	DEATHS	
			Sheep	Lambs		Sheep	Lambs
			1,000 Head				
1972...	711	30	165	458	4	96	117
1973...	604	28	140	406	4	85	127
1974...	550	29	111	339	4	80	118
1975...	471	30	98	264	4	75	140
1976...	420	40	72	239	4	70	100
1977...	375	18	59	211	3	65	96
1978...	349	41	84	208	3	60	90
1979...	340	33	72	129	3	60	90
1980...	390	25	87	184	2	62	59
1981...	420	25	73	233	3	60	55
1982...	470	21	129	314	2	50	52

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[1] Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced.

[2] Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Sheep and Lambs

Year	Production [3]	Marketings [4]	Price per 100 Lbs.		Cash [5] Receipts	Value of Home Consumption	Gross Income
			Sheep	Lambs			
	1,000 Pounds		Dollars			1,000 Dollars	
1972.....	45,031	66,266	6.10	27.90	13,217	118	13,335
1973.....	38,153	35,553	11.80	34.00	14,568	156	14,724
1974.....	35,019	45,895	11.80	34.40	12,301	158	12,459
1975.....	25,425	37,338	8.70	40.10	10,695	178	10,873
1976.....	24,428	31,447	9.90	43.80	10,381	208	10,589
1977.....	22,116	27,417	11.50	50.70	10,749	147	10,896
1978.....	21,756	31,432	18.20	67.10	15,340	231	15,571
1979.....	22,961	22,211	24.40	68.20	10,753	247	11,000
1980.....	29,124	28,564	17.70	61.70	12,307	158	12,465
1981.....	36,494	35,311	17.40	47.20	13,469	185	13,654
1982.....	43,589	52,286	15.00	48.10	18,847	94	18,941

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[3] Adjustments made for inshipments and changes in inventory.

[4] Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.

[5] Includes receipts from marketings and from sales of farm slaughtered meat.

HOGS AND PIGS

Number, Value Per Head and Total Value, December 1

Year	NUMBER, VALUE PER HEAD AND TOTAL VALUE			NUMBER BY CLASSES	
		Farm Value			
	Number	Per Head	Total	Breeding	Marketing
	1,000 Head	Dols.	1,000 Head	1,000 Head	
1972	245	38.50	9,433	36	209
1973	262	53.50	14,017	32	230
1974	204	45.00	9,180	28	176
1975	165	70.50	11,633	27	138
1976	186	45.00	8,370	28	158
1977	211	57.00	12,027	30	181
1978	222	72.00	15,984	29	193
1979	209	53.50	11,182	28	181
1980	250	63.50	15,875	31	219
1981	200	60.50	12,100	24	176
1982	154	77.50	11,935	20	134

Pig Crops and Disposition

Year	PIG CROPS		In-Shipments	Marketings[1]	Farm Slaughter[2]	Deaths
	Spring	Fall				
	1,000 Head					
1972	168	180	15	373	10	20
1973	165	192	20	331	10	19
1974	143	158	64	391	13	19
1975	111	122	37	286	11	12
1976	126	117	71	270	8	15
1977	143	144	42	285	8	11
1978	173	158	50	336	12	22
1979	155	153	4	299	5	21
1980	185	185	7	302	10	24
1981	180	154	6	362	8	20
1982	152	104	6	295	3	10

Production and Income from Hogs and Pigs

Year	Production[3]	Marketings[4]	Price Per 100 Pounds	Cash Receipts[5]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars	1,000 Dollars	
1972	86,884	85,335	23.40	19,968	1,376	21,344
1973	82,918	77,972	36.70	28,616	2,158	30,774
1974	84,665	87,539	32.80	28,713	2,089	30,802
1975	61,735	63,759	44.50	28,373	2,099	30,472
1976	63,354	60,160	42.80	25,748	1,678	27,426
1977	67,741	64,198	37.50	24,074	1,250	25,324
1978	78,602	76,672	44.80	34,349	1,581	35,930
1979	71,756	70,820	39.50	27,974	835	28,809
1980	76,685	70,850	37.20	26,433	1,136	27,569
1981	82,039	84,585	41.40	35,090	1,167	36,257
1982	64,016	69,429	46.80	32,614	526	33,140

[1] Includes animals custom slaughtered in commercial establishments for use on farms where produced.
[2] Excludes animals custom slaughtered in commercial establishments for farmers.
[3] Adjustments made for inshipments and changes in inventory.
[4] Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
[5] Includes receipts from marketings and from sales of farm slaughtered meat.

CHICKENS

Number, Value Per Bird and Total Value, December 1

Year	Numbers	Farm Value: Per Bird	Farm Value: Total
	1,000	Dollars	1,000 Dols.
1973	1,190	1.80	2,142
1974	1,025	1.70	1,743
1975	1,020	1.70	1,734
1976	1,005	1.90	1,910
1977	1,015	1.95	1,979
1978	930	1.85	1,721
1979	890	2.25	2,003
1980	965	2.45	2,364
1981	940	2.10	1,974
1982	970	2.25	2,183

Production and Income from Chickens

Year	Produced	Sold	Price Per Pound	Cash Receipts	Gross Income
	1,000 Pounds		Cents	1,000 Dollars	
1972	3,863	3,216	6.0	193	236
1973	4,072	3,200	10.5	336	412
1974	3,710	3,620	7.0	253	303
1975	4,036	3,320	5.5	183	222
1976	3,399	2,920	8.0	234	288
1977	2,761	2,060	8.0	165	218
1978	2,607	2,180	7.0	153	198
1979	1,444	1,180	7.0	83	126
1980	2,450	1,460	8.0	117	159
1981	3,362	2,900	6.0	174	204
1982	3,474	3,000	6.0	180	206

Farm Production, Disposition and Income from Eggs

Year [2]	Layers [1]	Per Layer	Egg Production	Consumed in Household	Sold	Per Dozen	Cash Receipts	Gross Income
	1,000	Number	Millions			Cents	1,000 Dollars	
1972	942	230	217	10	207	36.8	6,348	6,655
1973	933	230	215	9	206	57.8	9,922	10,356
1974	884	230	203	8	195	58.5	9,506	9,896
1975	844	236	199	8	191	55.4	8,818	9,187
1976	794	233	185	8	177	59.0	8,703	9,096
1977	770	232	179	8	171	57.0	8,123	8,503
1978	797	242	193	8	185	54.3	8,371	8,733
1979	754	236	178	7	165	62.5	8,594	8,959
1980	727	234	170	5	165	57.5	7,906	8,146
1981	778	224	174	3	171	62.0	8,835	8,990
1982	767	245	188	3	185	55.0	8,479	8,617

[1] Average number of layers on hand during the year.
[2] Data related to the 12 month period beginning with December 1, of the previous year through November of the current year.

HONEY AND BEESWAX

Production, Price and Value

Year	Colonies of Bees	Honey Yield per Colony	Production: Honey	Production: Beeswax	Price Per Pound: Honey	Price Per Pound: Beeswax	Value of Production: Honey	Value of Production: Beeswax
	Number	Pounds	1,000 Pounds		Cents		1,000 Dollars	
1972	74,000	110	8,140	163	30.4	67.0	2,475	109
1973	78,000	101	7,878	158	41.4	73.0	3,261	115
1974	81,000	88	7,128	114	50.1	125.0	3,571	143
1975	80,000	94	7,520	135	47.3	112.0	3,557	151
1976	85,000	112	9,520	162	46.9	108.0	4,465	175
1977	96,000	57	5,472	104	53.9	172.0	2,949	179
1978	99,000	89	8,811	159	53.8	178.0	4,740	283
1979	103,000	128	13,184	224	57.7	164.0	7,607	367
1980	103,000	104	10,712	214	56.0	190.0	5,999	407
1981	108,000	100	10,800	184	57.0	198.0	6,156	364
1982	Series Discontinued							

COMMERCIAL LIVESTOCK SLAUGHTER

Number of Head by Classes, by Years, 1972 - 1982

Year	Cattle and Calves 1,000 Head	Hogs and Pigs 1,000 Head	Sheep and Lambs 1,000 Head
1972	210.2	354.7	2.4
1973	188.6	350.6	2.7
1974	185.5	572.0	2.3
1975	153.1	308.0	2.6
1976	155.8	457.2	2.4
1977	172.0	478.3	2.1
1978	158.5	343.0	2.0
1979	151.1	461.8	2.3
1980	156.2	526.5	2.9
1981	134.4	526.3	3.6
1982	92.0	440.3	4.2

Total Red Meat Production [1]
by Months, 1972-1982

Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Millions of Pounds												
1972	15	15	17	13	14	16	14	16	14	16	16	13	180
1973	15	11	14	11	13	12	15	16	12	15	17	15	168
1974	18	14	15	15	17	17	19	17	15	16	15	14	193
1975	14	12	9	11	10	12	12	11	8	8	12	14	134
1976	13	9	11	11	10	12	13	13	15	16	16	16	155
1977	16	13	16	14	13	14	13	14	14	15	14	13	169
1978	13	12	11	10	12	12	12	14	13	13	13	11	146
1979	12	10	11	10	12	13	14	16	15	18	17	14	162
1980	16	15	13	15	16	15	15	15	15	17	15	16	183
1981	14	13	14	14	14	14	13	11	15	16	16	15	169
1982 [2]		39			24			25			38		126

Number of Head Slaughtered by Months and Classes

Month	Cattle and Calves 1980	Cattle and Calves 1981	Cattle and Calves 1982	Hogs and Pigs 1980	Hogs and Pigs 1981	Hogs and Pigs 1982	Sheep and Lambs 1980	Sheep and Lambs 1981	Sheep and Lambs 1982
	1,000 Head			1,000 Head			1,000 Head		
January	14.9	12.2		44.4	42.4		.2	.3	
February	12.2	10.6	33.6	41.0	38.5	118.4	.1	.2	.8
March	10.0	9.4		42.2	45.6		.1	.2	
April	10.7	10.4		51.7	46.0		.1	.2	
May	11.9	10.9	11.5	49.0	42.3	99.4	.1	.2	.6
June	12.5	11.8		44.3	42.7		.2	.2	
July	13.5	11.3		41.8	38.1		.3	.3	
August	13.9	8.2	14.4	40.3	35.3	103.0	.6	.6	1.5
September	13.0	10.8		42.4	47.3		.4	.6	
October	14.9	11.5		46.0	54.0		.4	.4	
November	13.7	13.1	32.3	39.1	48.3	119.5	.2	.3	1.2
December	15.0	14.2		44.1	45.7		.3	.3	
Total [3]	156.2	134.4	91.8	526.5	526.3	440.3	2.9	3.6	4.2

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[1] Includes slaughter in Federally inspected and other slaughter plants but excludes animals slaughtered on farms.

[2] Quarterly totals only.

[3] May not add because of rounding.

DAIRY PRODUCTS MANUFACTURED

Year	Creamery Butter	Cheese: American Cheddar	Cheese: Cottage Cheese Creamed	Ice Cream	Ice Milk [1]	Sherbet	"Mellorine Type" Frozen Desserts
	1,000 Pounds			1,000 Gallons			
1972	3,185	3,885	5,091	2,027	1,058	106	591
1973	2,647	3,480	4,498	1,966	1,046	111	499
1974	2,249	3,489	3,246	2,262	1,064	126	491
1975	2,100	1,933	3,214	2,221	1,200	125	316
1976	1,919	1,844	3,505	1,684	1,156	103	161
1977	2,019	2,467	3,651	1,575	1,331	83	90
1978	1,947	2,675	3,895	1,731	1,496	86	80
1979	1,796	1,574	4,962	1,794	1,300	81	58
1980	1,938	[2]	5,200	1,963	1,063	82	[2]
1981	2,082	[2]	5,635	1,908	963	71	[2]
1982	2,191	[2]	5,578	1,833	1,057	82	[2]

[1] Includes low fat ice cream.

[2] Not published to avoid disclosing individual plant operations.

LIVESTOCK

Inventory by Counties January 1, 1981 - 1982

COUNTY & DISTRICT	All Cattle and Calves		Milk Cows and Heifers that have calved	
	1981	1982	1981	1982
	Number of Head		Number of Head	
Deer Lodge	10,200	10,800	--	--
Flathead	19,400	23,600	1,900	2,200
Granite	33,700	35,700	--	100
Lake	56,800	62,500	3,500	3,400
Lincoln	6,000	7,400	100	100
Mineral	1,100	1,300	--	100
Missoula	9,500	9,900	500	400
Powell	52,400	57,500	100	100
Ravalli	41,400	45,500	3,300	3,100
Sanders	23,500	28,800	100	100
N. WEST	254,000	283,000	9,500	9,600
Blaine	84,100	94,300	400	200
Chouteau	54,600	57,400	100	100
Glacier	31,100	34,600	--	300
Hill	25,800	28,100	500	400
Liberty	12,200	12,800	700	300
Phillips	87,300	87,200	100	100
Pondera	26,100	29,500	600	800
Teton	52,800	55,900	700	600
Toole	19,000	21,200	300	200
N. CENTRAL	393,000	421,000	3,400	3,000
Daniels	19,500	19,700	--	--
Dawson	40,900	43,000	400	400
Garfield	60,800	65,900	100	100
McCone	41,000	42,300	--	100
Richland	42,000	43,400	200	200
Roosevelt	27,100	27,700	100	100
Sheridan	22,300	22,700	100	100
Valley	67,400	69,300	100	100
N. EAST	321,000	334,000	1,000	1,100
Broadwater	25,800	29,000	100	100
Cascade	62,500	68,500	1,200	1,100
Fergus	123,600	138,000	600	600
Golden Valley	28,600	30,600	200	100
Judith Basin	62,600	67,100	200	100
Lewis & Clark	39,100	45,000	500	500
Meagher	63,000	71,400	100	100
Musselshell	38,900	42,000	100	100
Petroleum	32,100	36,700	--	100
Wheatland	37,800	40,700	300	100
CENTRAL	514,000	569,000	3,300	2,900
Beaverhead	175,000	187,400	100	100
Gallatin	64,000	67,900	5,800	5,900
Jefferson	25,400	28,700	700	600
Madison	107,600	116,400	300	300
Silver Bow	5,000	5,600	--	200
S. WEST	377,000	406,000	6,900	7,100
Big Horn	109,700	124,100	100	300
Carbon	59,900	60,500	600	700
Park	52,200	56,100	400	400
Stillwater	47,800	54,500	300	300
Sweet Gras	50,700	55,000	100	100
Treasure	26,000	27,400	100	100
Yellowstone	84,700	97,400	2,300	2,500
S. CENTRAL	431,000	475,000	3,900	4,400
Carter	55,000	61,000	100	100
Custer	71,100	79,000	300	300
Fallon	42,400	44,400	100	100
Powder River	75,800	80,500	100	100
Prairie	40,200	43,100	100	100
Rosebud	78,300	81,200	100	100
Wibaux	22,200	22,800	200	100
S. EAST	385,000	412,000	1,000	900
STATE	2,675,000	2,900,000	29,000	29,000

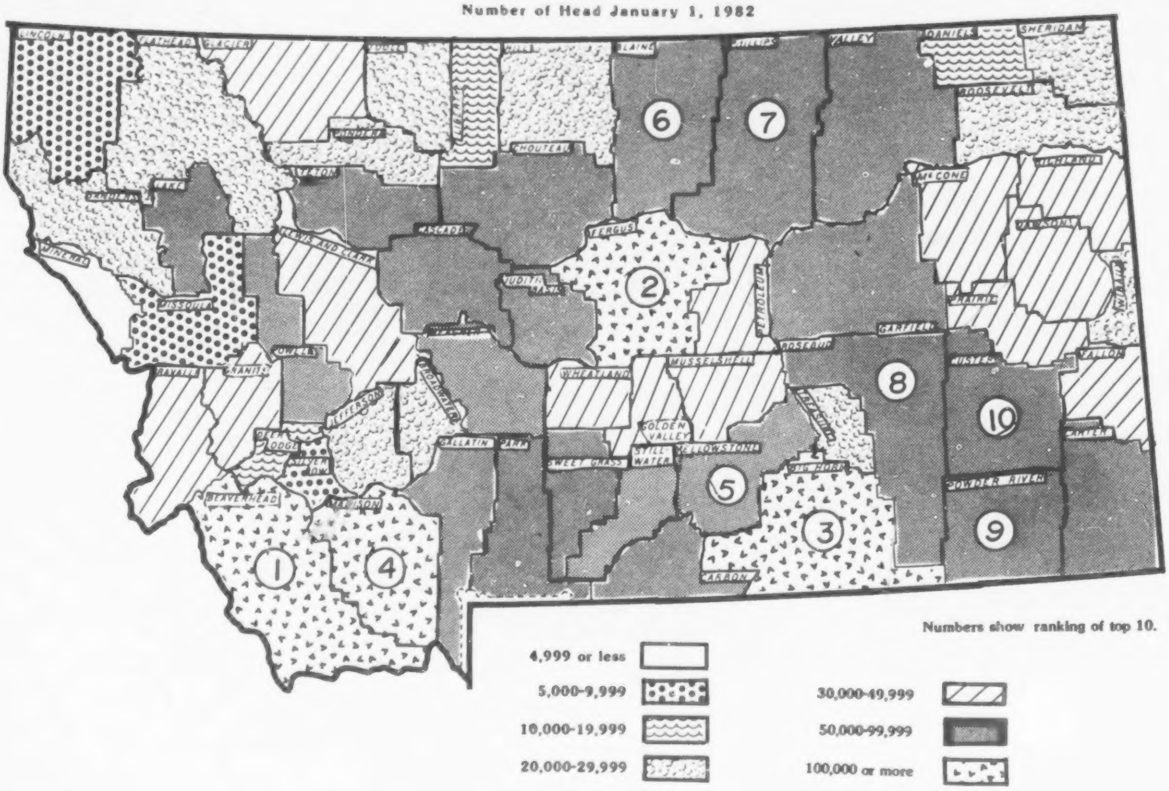
LIVESTOCK

Inventory by Counties January 1, 1981 - 1982

COUNTY & DISTRICT	Beef Cows and Heifers that have Calved		Stock Sheep and Lambs	
	1981	1982	1981	1982
	Number of Head		Number of Head	
Deer Lodge	4,700	5,100	200	300
Flathead	10,000	10,800	1,400	1,800
Granite	18,400	20,000	1,500	1,600
Lake	29,900	33,800	5,900	6,500
Lincoln	3,600	4,000	300	300
Mineral	500	600	400	300
Missoula	5,100	5,500	400	300
Powell	30,800	33,200	1,800	1,400
Ravalli	20,300	22,500	7,900	7,600
Sanders	13,000	14,500	1,200	900
N. WEST	136,300	150,000	21,000	21,000
Blaine	46,800	51,300	9,400	11,000
Chouteau	31,500	33,300	2,600	3,100
Glacier	19,900	22,300	1,900	2,200
Hill	15,000	17,200	1,200	1,200
Liberty	7,000	8,000	100	100
Phillips	47,400	50,600	14,100	13,400
Pondera	16,300	18,600	5,700	6,100
Teton	30,400	33,500	9,300	9,100
Toole	11,500	13,200	3,000	2,700
N. CENTRAL	225,800	248,000	47,300	48,900
Daniels	13,000	13,700	2,200	2,100
Dawson	25,200	27,200	4,600	3,400
Garfield	33,000	37,400	68,300	75,600
McCone	23,500	26,600	24,500	22,700
Richland	25,700	27,800	7,300	6,600
Roosevelt	16,400	18,200	6,200	4,900
Sheridan	14,700	16,100	2,300	2,000
Valley	39,000	42,000	5,000	4,900
N. EAST	190,500	209,000	120,400	122,200
Broadwater	15,500	17,300	5,500	5,500
Cascade	34,900	39,600	10,400	11,200
Fergus	70,700	80,900	18,700	18,000
Golden Valley	15,900	17,300	8,100	6,500
Judith Basin	36,200	39,500	8,400	8,900
Lewis & Clark	20,500	23,000	11,500	11,400
Meagher	31,500	36,000	8,200	7,400
Musselshell	18,700	20,800	12,900	12,800
Petroleum	15,800	19,000	8,200	7,100
Wheatland	19,700	21,600	21,400	22,700
CENTRAL	279,400	315,000	113,300	111,500
Beaverhead	84,700	96,800	29,600	28,500
Gallatin	29,600	30,800	8,300	9,100
Jefferson	14,800	17,200	900	800
Madison	52,200	61,000	19,400	18,400
Silver Bow	2,900	3,200	100	100
S. WEST	184,200	209,000	58,300	56,900
Big Horn	53,900	61,100	4,800	7,000
Carbon	28,200	30,000	17,500	17,600
Park	29,200	32,800	4,200	5,200
Stillwater	28,000	32,500	13,400	12,800
Sweet Grass	28,600	32,000	23,300	24,800
Treasure	14,100	15,100	300	400
Yellowstone	30,100	33,500	5,300	4,700
S. CENTRAL	212,100	237,000	68,800	72,500
Carter	30,800	36,000	97,000	100,700
Custer	36,100	42,000	6,500	9,800
Fallon	26,900	30,000	5,500	5,300
Powder River	40,700	45,000	20,200	21,200
Prairie	22,200	25,000	5,600	5,900
Rosebud	41,400	44,100	13,000	21,000
Wibaux	12,600	13,900	3,100	3,100
S. EAST	210,700	236,000	150,900	167,000
STATE	1,439,000	1,604,000	580,000	600,000

CATTLE & CALVES

Number of Head January 1, 1982


LINCOLN
FLATHEAD
GLACIER
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
PONDERA
CHOUTEAU
TETON
LAKE
SANDERS
MINERAL
LEWIS AND CLARK
CASCADE
FERGUS
MISSOULA
McCONE
RICHLAND
DAWSON
WIBAUX
PRAIRIE
PETROLEUM
GARFIELD
ROSEBUD
CUSTER
FALLON
CARTER
POWDER RIVER
BIG HORN
TREASURE
YELLOWSTONE
MUSSELSHELL
WHEATLAND
GOLDEN VALLEY
STILLWATER
SWEET GRASS
PARK
GALLATIN
BROADWATER
JEFFERSON
POWELL
GRANITE
RAVALLI
DEER LODGE
BEAVERHEAD
MADISON
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10
Numbers show ranking of top 10.
4,999 or less
5,000-9,999
10,000-19,999
20,000-29,999
30,000-49,999
50,000-99,999
100,000 or more

CATTLE and CALVES: PERCENT OF OPERATIONS and INVENTORY

BY SIZE GROUPS, MONTANA 1978 - 1982

YEAR	1-49 Head		50-99 Head		100-499 Head		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
				Percent				
1978..........	44.3	4.7	17.7	6.1	29.7	38.6	8.3	50.6
1979..........	45.0	3.5	17.6	5.9	29.9	40.0	7.5	50.6
1980..........	42.4	3.6	15.8	5.1	33.9	39.6	7.9	51.7
1981..........	39.3	2.8	14.1	4.0	36.8	37.6	9.8	55.6
1982..........	36.2	3.0	16.3	5.7	37.5	39.3	10.0	52.0

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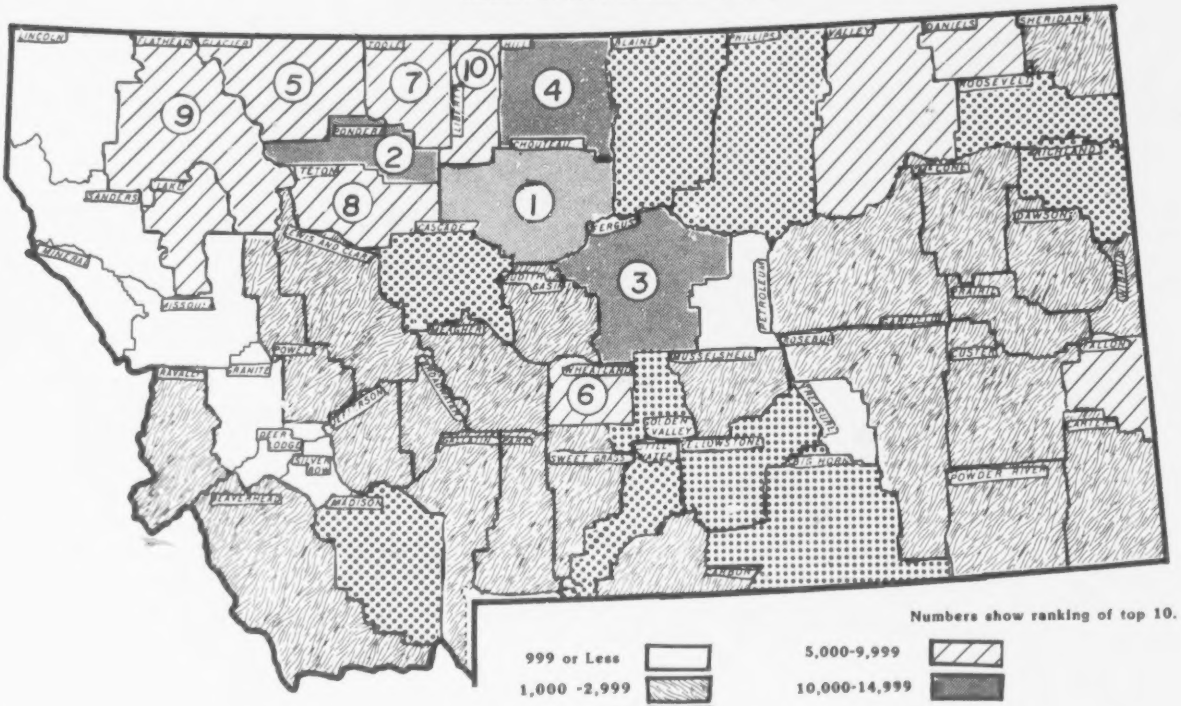
HOGS & PIGS

Number of Head December 1, 1981


LINCOLN
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LIBERTY
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BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
PONDERA
CHOUTEAU
TETON
LAKE
SANDERS
MINERAL
MISSOULA
CASCADE
LEWIS AND CLARK
JUDITH BASIN
FERGUS
PETROLEUM
McCONE
RICHLAND
DAWSON
WIBAUX
PRAIRIE
GARFIELD
MEAGHER
POWELL
GRANITE
RAVALLI
JEFFERSON
BROADWATER
WHEATLAND
MUSSELSHELL
ROSEBUD
CUSTER
FALLON
GOLDEN VALLEY
TREASURE
DEER LODGE
SILVER BOW
GALLATIN
PARK
SWEET GRASS
STILLWATER
YELLOWSTONE
BIG HORN
POWDER RIVER
CARTER
BEAVERHEAD
MADISON
CARBON
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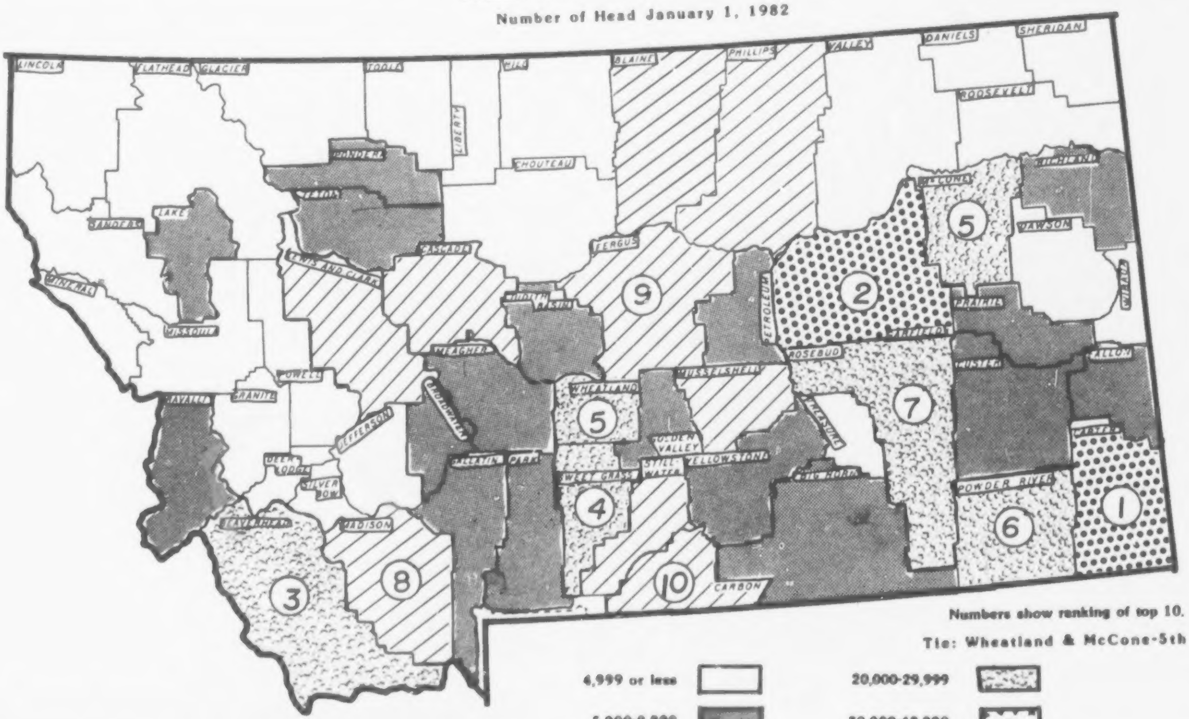
Numbers show ranking of top 10.

999 or Less	☐
1,000 -2,999	▨
3,000 -4,999	⠿
5,000-9,999	▨
10,000-14,999	■

SHEEP STOCK SHEEP & LAMBS

Number of Head January 1, 1982


LINCOLN
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PHILLIPS
VALLEY
DANIELS
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ROOSEVELT
PONDERA
CHOUTEAU
TETON
LAKE
SANDERS
MINERAL
MISSOULA
CASCADE
LEWIS AND CLARK
JUDITH BASIN
FERGUS
PETROLEUM
McCONE
RICHLAND
DAWSON
WIBAUX
PRAIRIE
GARFIELD
MEAGHER
POWELL
GRANITE
RAVALLI
JEFFERSON
BROADWATER
WHEATLAND
MUSSELSHELL
ROSEBUD
CUSTER
FALLON
GOLDEN VALLEY
TREASURE
DEER LODGE
SILVER BOW
GALLATIN
PARK
SWEET GRASS
STILLWATER
YELLOWSTONE
BIG HORN
POWDER RIVER
CARTER
BEAVERHEAD
MADISON
CARBON
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Numbers show ranking of top 10.

Tie: Wheatland & McCone-5th

4,999 or less	☐
5,000-9,999	■
10,000-19,999	▨
20,000-29,999	▒
30,000-49,999	▩
50,000- or more	⠿

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LIVESTOCK

Inventory by Counties, December 1, 1980 - 1981

COUNTY & DISTRICT	Hogs and Pigs 1980	Hogs and Pigs 1981	Chickens 1980	Chickens 1981
	Number of Head		Number of Head	
Deer Lodge	300	300	300	300
Flathead	7,400	6,300	3,200	4,000
Granite	100	100	200	200
Lake	7,000	5,500	24,800	17,300
Lincoln	600	500	1,000	1,000
Mineral	--	--	300	300
Missoula	200	200	1,200	1,100
Powell	900	1,000	400	400
Ravalli	4,100	2,700	149,100	131,000
Sanders	400	400	1,500	1,400
N. WEST	21,000	17,000	182,000	157,000
Blaine	7,000	4,400	4,000	2,000
Chouteau	18,600	12,600	1,900	2,200
Glacier	11,700	8,800	34,000	42,000
Hill	13,200	10,700	14,500	23,000
Liberty	2,800	6,200	8,000	10,800
Phillips	6,000	3,400	1,400	1,500
Pondera	14,300	12,300	18,000	18,400
Teton	7,900	6,600	51,200	47,100
Toole	7,500	7,000	25,000	9,000
N. CENTRAL	89,000	72,000	158,000	156,000
Daniels	7,300	5,900	900	800
Dawson	2,700	1,800	1,600	1,500
Garfield	2,900	2,300	1,200	1,200
McCone	2,500	1,700	2,100	2,000
Richland	4,000	3,200	4,300	4,000
Roosevelt	6,700	4,400	3,200	3,000
Sheridan	3,500	2,600	3,000	3,000
Valley	7,400	5,100	4,700	4,500
N. EAST	37,000	27,000	21,000	20,000
Broadwater	2,100	1,900	144,000	141,000
Cascade	4,600	3,900	35,000	14,000
Fergus	13,800	10,800	3,000	2,800
Golden Valley	6,000	4,500	15,500	1,000
Judith Basin	1,600	1,900	3,700	3,500
Lewis & Clark	2,300	2,100	9,200	9,300
Meagher	2,100	2,100	13,300	32,700
Musselshell	2,200	1,500	600	800
Petroleum	100	100	700	800
Wheatland	6,200	8,200	22,000	100
CENTRAL	41,000	37,000	247,000	206,000
Beaverhead	5,300	2,900	700	1,000
Gallatin	5,300	2,900	153,400	170,300
Jefferson	1,500	2,000	1,200	1,800
Madison	4,800	3,100	1,400	1,600
Silver Bow	100	100	300	300
S. WEST	17,000	11,000	157,000	175,000
Big Horn	6,000	3,900	1,400	1,300
Carbon	3,400	2,800	2,600	2,500
Park	2,000	1,500	2,000	1,900
Stillwater	5,500	4,300	16,000	35,000
Sweet Grass	2,000	2,200	900	800
Treasure	1,000	800	500	400
Yellowstone	5,100	4,500	137,600	139,100
S. CENTRAL	25,000	20,000	161,000	181,000
Carter	2,700	1,800	1,400	1,200
Custer	2,400	2,200	30,000	36,000
Fallon	6,300	5,000	1,800	2,000
Powder River	1,000	1,000	2,000	2,000
Prairie	3,200	2,100	1,000	1,200
Rosebud	3,100	2,600	1,400	1,300
Wibaux	1,300	1,300	1,400	1,300
S. EAST	20,000	16,000	39,000	45,000
STATE	250,000	200,000	965,000	940,000

AGRICULTURAL EXPORTS

The value of Montana's agricultural exports during the year ending September 30, 1982 increased 10 percent from the previous fiscal year. The value of Montana agricultural commodities exported totaled $559.1 million. This compares with $507.1 million exported during the same period a year earlier.

Value of United States agricultural commodities exported for the year ending September 30, 1982 totaled $39.1 billion. A year ago exports of agricultural products were valued at $43.8 billion.

Nationally, Montana ranks sixth in revenues from the export of wheat and wheat products. Wheat and wheat products were Montana's number one export valued at $445.0 million, up 12 percent from the previous year. Feed grains and feed grain products, followed by live animals and meat were the next two items of importance that contributed to the dollar value of Montana's exports.

AGRICULTURAL EXPORTS

MONTANA and U.S., 1981 and 1982 1/

COMMODITY	MONTANA		UNITED STATES	
	1981	1982	1981	1982
	Million Dollars			
Wheat and Products	396.6	445.0	8,051.7	7,675.1
Feed Grains and Products	34.0	34.3	11,148.8	7,684.6
Fruits and Preparations	.3	.2	1,513.2	1,394.1
Vegetables and Preparations	5.3	5.1	1,445.7	1,442.1
Live Animals and Meat	20.0	22.6	1,180.0	1,230.3
Hides and Skins	16.3	18.8	1,002.0	1,021.2
Poultry and Products	.4	.4	765.2	579.0
Fats, Oils and Greases	17.0	16.4	758.9	704.1
Dairy Products	.3	.5	237.7	367.8
Other	16.9	15.8	2,996.3	2,378.6
ALL COMMODITIES	507.1	559.1	43,780.1	39,094.5

1/ Fiscal year ending September 30.

U.S. AGRICULTURAL EXPORTS by MAJOR IMPORTING COUNTRIES

The worldwide economic recession caused a dropoff in demand for U.S. agricultural exports during 1982. Agricultural exports dropped by over $1 billion to both Japan and Mexico and was a significant factor in the agricultural export decline. Eleven countries each took more than $1 billion of U.S. farm products in calendar year 1982, although total shipments of farm products fell 15 percent from their peak in 1981.

Japan maintained its position as the leading destination and is the largest foreign market for U.S. feed grains, oilseeds, cotton, tobacco and livestock products.

The 1982 declines were offset somewhat by improvements in exports to the USSR, which moved up to third position among the top destinations. In addition, shipments to Spain boosted that country to the sixth largest market.

U.S. AGRICULTURAL EXPORTS: VALUE by LEADING COUNTRIES, CALENDAR YEARS 1981 and 1982

COUNTRY 1/	1981		1982	
	Mil. Dol.	Rank	Mil. Dol.	Rank
Japan	6,606	1	5,555	1
Netherlands	2,349	3	2,042	2
USSR	1,729	8	1,926	3
West Germany	2,294	4	1,921	4
Canada	2,058	5	1,820	5
Spain	1,573	9	1,682	6
South Korea	2,008	6	1,581	7
China	1,986	7	1,505	8
Mexico	2,432	2	1,156	9
Taiwan	1,145	12	1,155	10
United Kingdom	1,214	11	1,123	11
Italy	1,262	10	994	12
Belgium-Luxembourg	855	15	922	13
Egypt	1,002	13	803	14
France	719	17	684	15
Venezuela	895	14	671	16
Portugal	766	16	579	17
Brazil	710	18	526	18
Saudi Arabia	480	21	523	19
Nigeria	555	20	489	20
Indonesia	403	24	444	21
Hong Kong	394	25	392	22
Switzerland	351	28	391	23
Israel	387	27	353	24
Philippines	324	29	351	25

1/ Adjusted for transshipments through Canada, Belgium, and the Netherlands.

ESTIMATES ISSUED BY THE MONTANA CROP & LIVESTOCK REPORTING SERVICE

Current estimates of the data published in this bulletin are available and may be obtained by calling the MONTANA CROP & LIVESTOCK REPORTING SERVICE or interested persons may be added to one or more of our three mailing lists. The three separate mailing lists are : (1) MONTANA CROP & LIVESTOCK REPORTER, a semi-monthly publication containing various crop, livestock, price and other farm data; (2) CROP WEATHER REPORT; and (3) MONTANA AGRICULTURAL STATISTICS BULLETIN. The annual charge for these publications is: MONTANA CROP & LIVESTOCK REPORTER--$10, CROP WEATHER REPORT--$12, and MONTANA AGRICULTURAL STATISTICS BULLETIN--no charge. Reporters on our surveys are not charged. An order form may be obtained by calling or writing the MONTANA CROP & LIVESTOCK REPORTING SERVICE, P.O. Box 4369, Helena, MT, 59604. (Office--Room 398, 301 S. Park Avenue--Phone: 449-5303.)

REPORTS ISSUED

REPORT	FREQUENCY	APPROXIMATE DATE OF PUBLICATION*
General Reports:		
Farm Report (Crop Forecasts)	Monthly	12th of Month
Weather, Crops & Livestock	Weekly Monthly	Mondays, April-October 7th of month, Nov.-March
Reports on Crops:		
Winter Wheat Seedings	Annual	December 22
Prospective Plantings	Annual	February 18
June Acreage	Annual	June 29
Summary of Small Grains	Annual	December 12
Annual Crop Summary and Value of Production	Annual	January 17
Cherry Forecast	Monthly	12th of Month, June & July
Potato Stocks	Monthly	14th of Month, Dec.-April
Range and Pasture Condition	Monthly	12th of Month, April- Dec.
Stocks of Grains	Quarterly	25th of month, Jan., Apr., June, and October
Wheat Movement Summary	Semi-Annually	January and July
Wheat Varieties	Annual	August
Barley Varieties	Annual	July 15
Reports on Livestock, Dairy, Poultry and Livestock Products:		
Poultry (Egg Production, Chick and Poult Hatchings)	Quarterly	21st March, June, Sept., Dec.
Livestock Slaughter	Quarterly	22nd Jan., April, July, Oct.
Cattle Inventory and Calf Crop	Annual	February 1
Sheep on Feed, January 1	Annual	January 17
January 1 Sheep Inventory and Lamb Crop	Annual	February 1
Wool Crop	Annual	April 1
December 1 Hog Inventory & Pig Crop	Annual	December 23
Meat Animals, Marketings and Cash Receipts	Annual	April 15
Milk Cows and Milk Production	Quarterly	12th Jan., April, July and Oct.
Price Reports:		
Agricultural Prices	Monthly	30th of Month
Farm Income	Semi-Annually	March and September
Miscellaneous Reports:		
Farms and Farm Land	Annual	August 11
Farm Labor (Regional Data Only)	Annual	August 24
County Estimates:		
Wheat Estimates by County	Annual	Late winter-Early spring
Barley Estimates by County	Annual	Late winter-Early spring
Corn Estimates by County	Annual	Late Winter-Early spring
Cattle on Farms by County	Biennial	

*Statistics in the National program are released in Washington, D.C. and locally according to strict, predetermined dates. Various series are included in the "MONTANA CROP & LIVESTOCK REPORTER" published twice a month.

MONTANA
CROP & LIVESTOCK
REPORTING SERVICE

Statistical Reporting Service—USDA
Montana Department of Agriculture
PO Box 4369—Helena, MT 59604

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ERRATA TO PRICES RECEIVED BY MONTANA FARMERS -- Page 33

Selected Commodities by Months, 1983

Commodity	Jan.	Feb.	Mar.	Apr.	May	June
All Wheat	3.54	3.52	3.62	3.64	3.76	3.69
Winter Wheat	3.66	3.56	3.66	3.60	3.65	3.62
Spring Wheat (Excluding Durum)	3.45	3.46	3.59	3.71	3.88	3.77
Barley	2.06	1.94	2.14	2.20	2.19	2.16
All Hay	57.00	60.00	48.00	50.00	50.00	50.00
Beef Cattle	47.80	54.20	58.90	57.50	53.10	48.30
Steers & Heifers	59.40	64.90	65.90	63.70	62.00	61.60
Cows	35.60	41.30	43.00	42.10	41.50	41.10
Calves	64.70	66.20	67.40	67.00	67.70	65.10
Lambs	54.40	63.90	62.50	53.80	49.60	51.40
Hogs	55.10	54.90	50.80	45.70	44.80	42.20